Acer PD116PD Digital projector

Available in South Africa
http://www.LaptopDirect.co.za
http://www.ComputerStore.co.za

- Native SVGA resolution 800x600 (up to SXGA 1,280x1,024) guaranteeing images with perfect quality and precision for ambitious Education, Home and Office Users.
- 2100 ANSI Lumens in normal mode (30db) allowing presentations in big class, seminar or conference rooms with normal daylight.
- Home Cinema applications made comfortable thanks to its Eco Mode still providing 1700 ANSI Lumens with only 27db.
- DVI-I connection (Digital, HDCP supported)
- Amazing quality of image at minimized cost thanks to the latest DLP™ technology.
- Incredible contrast ratio of 2000:1 providing a more consistent color imaging with smoother and crisper results over a long-time period.
- Keystone correction allows a very fast adjustment of the image
- Fully compatible with NTSC, PAL, SECAM , HDTV as well as with all sophisticated notebooks installed within any modern business environment today.
- This Elegant bicolor design weighing only 2.4kgs will be your best companion for successful school or business presentations and Home entertainments.
- Remote control with laser pointer, page up and down function and an easy-to-use bag to simplify your life.

The PD116PD is the digitalized version of the PD116 uniting native SVGA resolution, 2100 Lumens and a DVI-I connection. With its high brightness, high contrast ratio, a DVI-I connection and all most practical accessories, the PD116PD is the perfect SVGA tool for schools and seminars. Ambitious Home and Office Users will also be impressed by this new Digital tool that is available for a minimum budget.

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20" Designer Series Television

Technical specifications

Picture Quality

• ***20" high contrast picture tube***
Delivers a vivid picture and is flatter and larger compared to 19" televisions.
• ***Digital comb filter***
Separates chrominance (color) from luminance (brightness) information for independent processing to improve picture resolution and minimize distortion.
• ***Dynamic Noise Reduction***
Reduces picture graininess caused by weak signals to produce a clearer picture and enhance the viewing experience.
• ***3-Position Color Temperature***
Customize picture to your personal flesh-tone preference with cool, normal and warm settings.

Ease of Use

• ***QuadroSurf™ Universal Remote***
Controls all TV features plus virtually all brands of VCR, DVD and Digital Broadcast Satellite receivers. To personalize and customize TV viewing simply use each of the four colored surf buttons to view up to ten of your favorite programs by category (that's 40 total movie, sports, news, music, children's, etc.) or by family member. The AV inputs can also be programmed for use as a "source" selector.
• ***AutoPicture™***
Instantly optimizes brightness, contrast, color, tint and sharpness settings with picture presets for Movies, Sports, Video games and weak signal reception.
• ***AutoSound™***
Audio volume levels are automatically adjusted and optimized with the choice of three presets: Movies, Voice, Music plus an adjustable Personal setting.
• ***AutoMute™***
Automatically activates the closed-captioning when the MUTE button is pressed.
• ***AutoLock™***
Protects young children from objectionable programming with V-chip technology.

Any-Button-On Front Controls
Channel Auto-Programming
English/Spanish menu
240-minute Sleep Timer
Closed Caption viewing

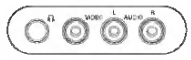
This television receiver provides display of television closed captioning in accordance with 15.119 of the FCC rules.

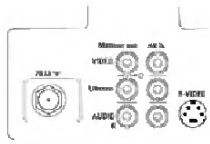
Sound Quality

• ***Incredible Surround™ sound***
Widens and deepens the soundstage for more immersing home entertainment experience.
• ***Stereo Sound system***
Receives stereo broadcasts for performance through dual speakers for an exciting and lifelike sound.

Connectivity

• ***S-Video input***
The ideal way to connect high resolution picture sources like DVD, Digital Satellite & Cable TV and video games for the best picture possible.
• ***Rear stereo AV inputs and outputs***
Connect a VCR, DVD, Satellite and video game through S-Video or stereo AV connection.Audio/video output jacks make adding a home theatre surround sound even easier!
• ***Front stereo AV in + headphone jack***
Connecting digital cameras and video games is quick and easy. You can enjoy your favorite program or game in great stereo sound without disturbing others by connecting your headphones (optional) to the handy front jack.





Front AV + Headphone Inputs/Outputs | ***Rear AV***

UPC:	0 37849 92553 9
Product Dimensions:	23.5"W x 18.7"H x 18.7"D
Product Weight:	45.6 lbs.
Carton Dimensions:	26.3"W x 22.3"H x 21.9"D
Carton Weight:	54.3 lbs.
Carton contains:	QuadraSurf™ Universal Remote Control w/ batteries, operating instructions, warranty information

Faux Flat™, AutoSound™, AutoPicture™, AutoMute™, AutoLock™, QuadraSurf™, Incredible Surround™ are trademarks of Philips Consumer Electronics Company.
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PHILIPS

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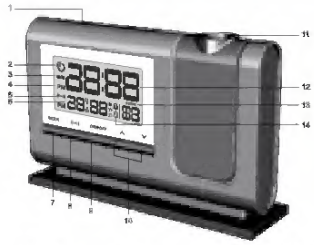
Klassische Projektionsuhr mit Dual-Alarm
Modell: RM308P / RM308PA / RM308PU / RA308PH

BEDIENUNGSANLEITUNG

DE

ÜBERSICHT

VORDERANSICHT



1. **SNOOZE / LIGHT**: Schlummeralarm aktivieren; Hintergrundbeleuchtung aktivieren
2. Indikator für Signalempfang
3. Batterien der Basiseinheit sind schwach / kein Batterie
4. PM: Vor- und Nachmittag (AM / PM) anzeigen
5. ((●)): Alarmzeit wird angezeigt
6. Alarmzeit / Kalender
7. **MODE**: Einstellungen / Anzeige ändern
8. ((●)): Alarmstatus anzeigen; Alarm einstellen; auf Alarm- / Kalenderanzeige ändern
9. **ON OFF**: Alarmfunktion aktivieren / deaktivieren
10. ∧ / ∨: Werte der gewählten Einstellung erhöhen / verringern; Zeitempfangssignal aktivieren / deaktivieren
11. Projektor: Uhrzeit / Alarmstatus projizieren
12. Uhrzeit mit Sekunden / Wochentag
13. Zeitzonenausgleich
14. Alarm 1 / 2 ist aktiviert (ON)

RÜCKANSICHT

1. **FOCUS**: Projiziertes Bild scharfstellen
2. **RESET**: Gerät auf Standardeinstellungen zurücksetzen
3. **PROJECTION ON/OFF**: Dauerprojektion aktivieren / deaktivieren
4. Anschluss für Netzadapter

UNTERE ANSICHT

1. Batteriefach

ERSTE SCHRITTE

STROMVERSORGUNG

2 x Batterien UM-4 (AAA)

So legen Sie die Batterien ein:

1. Entfernen Sie die Abdeckung des Batteriefachs.
2. Legen Sie die Batterien ein und achten Sie auf die Übereinstimmung der Polaritäten (+/-).
3. Drücken Sie nach jedem Batteriewechsel auf **RESET**.

	BEDEUTUNG
	Die Ladung der Batterie ist niedrig
	Keine Batterie installiert – nur Netzadapter

1 x Netzadapter

Benutzen Sie für den Betrieb des Geräts wahlweise den mitgelieferten Netzadapter. Für die dauerhafte Verwendung von Projektor / Hintergrundbeleuchtung muss der Netzdapter angeschlossen sein.

Stellen Sie sicher, dass der Netzadapter nicht blockiert und für das Gerät leicht zugänglich ist.

HINWEIS Die Basiseinheit und der Netzadapter dürfen keinen feuchten Bedingungen ausgesetzt werden. Es dürfen keine mit Flüssigkeit gefüllte Objekte, wie Blumenvasen, auf Basiseinheit oder Netzadapter gestellt werden.

Um das Gerät vollständig vom Netz zu trennen, ziehen Sie den Stecker des Netzadapters aus der Steckdose.

FUNKUHR

ZEITSIGNALEMPFANG

Dieses Produkt synchronisiert seine Uhr automatisch mit einem Zeitsignal.

RM308P: EU: DCF-77-Signal: Innerhalb von 1500 km von Frankfurt, Deutschland.

RM308PA: USA: Signal WWVB-60: Innerhalb von 3200km von Fort Collins, Colorado. Wählen Sie die Zeitzone der Uhr manuell aus (Pacific, Mountain, Central oder Eastern).

RM308PU: UK: MSF-60-Signal: Innerhalb von 1500 km von Anthorn, England.

So aktivieren / deaktivieren Sie den Zeitsignalempfang:

Halten Sie ∧ gedrückt, um den Zeitsignalempfang zu aktivieren, oder ∨ **VOL-**, um ihn zu deaktivieren.

HINWEIS Der Empfang nimmt etwa 2-10 Minuten in Anspruch. Wenn das Signal schwach ist, kann es bis zu 24 Stunden dauern, bis ein gültiges Signal empfangen wird.

Indikator für Zeitsignalempfang:

STARKES SIGNAL	SCHWACHES / KEIN SIGNAL

Wenn der Signalempfang nicht erfolgreich ist, platzieren Sie Ihr Gerät in die Nähe eines Fensters und halten Sie ∧ gedrückt, um eine neuerliche Signalsuche zu veranlassen.

DIE UHR MANUELL EINSTELLEN

Um die Uhr manuell einzustellen, müssen Sie zuerst den Zeitsignalempfang deaktivieren.

1. Halten Sie **MODE** gedrückt, um die Einstellungen aufzurufen.
2. Drücken Sie auf **MODE**, um zwischen den Anzeigearten umzuschalten.
3. Drücken Sie auf ∧ oder ∨, um die Werte der gewählten Einstellung zu erhöhen / zu verringern.
4. Drücken Sie zur Bestätigung auf **MODE**.

Die Reihenfolge der Einstellungen lautet: Zeitzonenausgleich, 12-/24-Stundenformat, Stunde, Minute, Jahr, Monat-Tag / Tag-Monat, Monat, Tag und Sprache.

Der Zeitzonenausgleich stellt die Uhr auf bis zu +/- 23 Stunden von der empfangenen Signalzeit ein. Wenn Sie den Zeitsignalempfang deaktiviert haben, dürfen Sie keinen Wert für die Zeitzone einstellen.

HINWEIS Wenn Sie +1 in der Einstellung des Zeitausgleichs eingeben, ergibt dies Ihre Ortszeit zuzüglich 1 Stunde. Wenn Sie sich in den USA befinden (RM308PA), stellen Sie die Uhr wie folgt ein:

PA für Pacific Time MO für Mountain Time
CE für Central Time EA für Eastern Time

HINWEIS Die Sprachoptionen sind Englisch (E), Deutsch (D), Französisch (F), Italienisch (I) und Spanisch (S).

ALARM

So stellen Sie den Alarm ein:

1. Drücken Sie auf **ALARM**, um zwischen Alarm 1 / 2 umzuschalten.
2. Halten Sie **ALARM** gedrückt, um die Alarmeinstellung aufzurufen.
3. Drücken Sie auf ∧ / ∨, um Stunde / Minute einzustellen.
4. Drücken Sie zur Bestätigung auf **ALARM** oder **MODE**.

1 / 2 gibt an, dass der Alarm aktiviert ist (ON).

So aktivieren / deaktivieren Sie Alarm 1 und / oder 2:

1. Drücken Sie auf um Alarm 1 oder 2 auszuwählen.
2. Halten Sie gedrückt.

So schalten Sie den Alarm stumm:

- Drücken Sie auf **SNOOZE / LIGHT**, um den Alarm 8 Minuten lang stummzuschalten

ODER

- Drücken Sie eine beliebige andere Taste, um den Alarm auszuschalten und ihn nach 24 Stunden erneut zu aktivieren.

So wählen Sie den Anzeigemodus aus:

Drücken Sie auf **MODE**, um zwischen den Anzeigearten zu wechseln (Alarm, Kalendar mit Sekunden, und Kalender mit Wochentag).

PROJEKTION

So aktivieren Sie die Projektion / Hintergrundbeleuchtung:

- Drücken Sie auf **SNOOZE / LIGHT**.

So aktivieren / deaktivieren Sie die Dauerprojektion:

- Verschieben Sie den Schalter **PROJECTION** bei angeschlossenem Netzadapter.

So drehen Sie das Bild um 180 ° (bei projiziertem Bild):

- Drücken Sie innerhalb von 5 Sekunden, nachdem Sie **SNOOZE / LIGHT** gedrückt haben, erneut auf **SNOOZE / LIGHT**.

So verstellen Sie die Schärfe des Bildes:

- Drehen Sie das **FOCUS**-Rad.

HINWEIS Schauen Sie nicht direkt in den Projektor, wenn die Projektion beleuchtet ist.

RESET

Drücken Sie auf **RESET**, um das Gerät auf die Standardeinstellungen zurückzusetzen.

VORSICHTSMASSNAHMEN

- Setzen Sie das Gerät keiner extremen Gewalteinwirkung und keinen Stößen aus, und halten Sie es von übermäßigem Staub, Hitze oder Feuchtigkeit fern.
- Sie dürfen die Belüftungsöffnungen nicht mit Gegenständen abdecken, wie z.B. Zeitungen, Vorhänge, usw.
- Tauchen Sie das Gerät niemals in Wasser. Falls Sie eine Flüssigkeit über das Gerät verschütten, trocknen Sie es sofort mit einem weichen, faserfreien Tuch.
- Reinigen Sie das Gerät keinesfalls mit scheuernden oder ätzenden Mitteln.
- Machen Sie sich nicht an den internen Komponenten des Geräts zu schaffen, da dies zu einem Verlust der Garantie führen kann.
- Verwenden Sie nur neue Batterien. Verwenden Sie keinesfalls neue und alte Batterien gemeinsam.
- Die in dieser Anleitung dargestellten Abbildungen können sich vom Original unterscheiden.
- Entsorgen Sie das Produkt nicht im allgemeinen Hausmüll, sondern ausschließlich in den dafür vorgesehenen, kommunalen Sammelstellen, die Sie bei Ihrer Gemeinde erfragen können.
- Wenn dieses Produkt auf bestimmte Holzflächen gestellt wird, kann die Oberfläche beschädigt werden. Oregon Scientific ist nicht haftbar für solche Beschädigungen. Entsprechende Hinweise entnehmen Sie bitte der Pflegeanleitung Ihres Möbelherstellers.
- Der Inhalt dieser Anleitung darf ohne Genehmigung des Herstellers nicht vervielfältigt werden.
- Verbrauchte Batterien gehören nicht in den Hausmüll. Bitte geben Sie sie bei einer Sammelstelle für Altbatterien bzw. Sondermüll ab.
- Bitte beachten Sie, dass manche Geräte mit einem Batterieunterbrechungsstreifen bestückt sind. Vor dem ersten Gebrauch müssen Sie den Streifen aus dem Batteriefach ziehen.

HINWEIS Die technischen Daten für dieses Produkt und der Inhalt der Bedienungsanleitung können ohne Benachrichtigung geändert werden.

HINWEIS Eigenschaften und Zubehör nicht in allen Ländern verfügbar. Weitere Informationen erhalten Sie von Ihrem Fachhändler vor Ort.

TECHNISCHE DATEN

TYP	BESCHREIBUNG
Abmessungen (L x B x H)	146 x 94 x 40 mm
Gewicht	157 g (ohne Batterie)
Stromversorgung	AC/DC-Netzadapter 4,5V 2 Batterien UM-4 (AAA) 1,5V

ÜBER OREGON SCIENTIFIC

Besuchen Sie unsere Website www.oregonscientific.de und erfahren Sie mehr über unsere Oregon Scientific-Produkte. Auf der Website finden Sie auch Informationen, wie Sie im Bedarfsfall unseren Kundendienst erreichen und Daten herunterladen können.

Für Internationale Anfragen besuchen Sie bitte unsere Website:
www2.oregonscientific.com/about/international.asp.

EU-KONFORMITÄTSERKLÄRUNG

Hiermit erklärt Oregon Scientific, dass die Klassische Projektionsuhr mit Dual-Alarm (Modell: RM308P / RM308PA / RM308PU / RA308PH) mit den grundlegenden Anforderungen und anderen relevanten Vorschriften der Richtlinie 1999/5/EG übereinstimmt. Eine Kopie der unterschriebenen und mit Datum versehenen Konformitätserklärung erhalten Sie auf Anfrage über unseren Oregon Scientific Kundendienst.

KONFORM IN FOLGENDEN LÄNDERN

Alle Länder der EU, Schweiz (CH)
und Norwegen (N)

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2. Quick Spec

Operating System	Android 4.1 JB	
UI Version	Android Default	
Processor	MTK6575M 1GHz	
Memory	ROM 4GB + RAM 512MB	
Display	3.5" HVGA TFT LCD Resolution: HVGA 320X480 Brightness: up to 250 nits (TBD)	
Touch	Touch Lens: Glass/Film Type, Cover Surface Hardness: 7H, 4 color printing (Black, Logo, Sensor hole) Capacitive, Single Touch function with Gesture	
Dimensions	110 x 62.5 x 12.25mm	
Weight	110 g (with battery)	
Radio	MEDIATEK MT6162 HSPA/WCDMA: 2100 / 900 MHz GSM/GPRS/EDGE: 850MHz / 900MHz / 1800MHz / 1900MHz HSDPA up to 7.2Mbps , HSUPA up to 5.76Mbps GPRS Class 12 /EDGE Class 12 MMS, SMS, Email, IM	
	AWS Band layout reserved	No
	AU Band (850/2100) layout reserved	No

Connectivity	Wireless LAN	IEEE 802.11b/g/n
	GPS	GPS, A-GPS
	Bluetooth	Bluetooth® 3.0 with EDR
	FM	Yes,
	Micro-SD slot	Yes, up to 32GB, SDHC 2.0 compatible
	Micro-USB	Yes
	Audio output	3.5mm standard audio jack
	HDMI	No
	Acer Clear.Fi (TBD)	No
Camera	Main	
	Front	No (Optional VGA, reserve in PCB and Tooling design)
HD Voice	Dual Microphone for noise cancellation	No

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OPERATING INSTRUCTIONS

ENGINE PRE-START CHECKS

WARNING: Never start or operate the saw unless the bar and chain are properly installed.

1. Fill the fuel tank (A) with correct fuel mixture (Fig. 8A).
2. Fill the oil tank (B) with correct chain and bar oil (Fig. 8A).
3. Be certain the chain brake is disengaged (C) before starting unit (Fig. 8A).

TO START ENGINE

The choke has 3 positions: RUN (A), HALF (B) and CHOKE (C) (Fig. 9A).

1. Slide STOP switch (D) up for starting (Fig. 9B).
2. Move the choke lever (E) to (CHOKE) (Fig. 9C).
3. Push the primer bulb (F) 10 times (Fig. 9D).
4. Latch throttle advance: depress latch and hold (A)

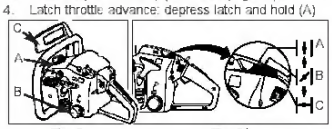

Fig. 8 Fig. 9A

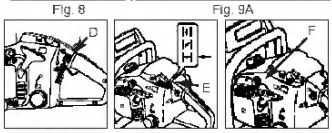

Fig. 9B Fig. 9C Fig. 9D

squeeze throttle trigger (B) release trigger and then the latch (Fig. 10A).

5. Grip the front handle firmly with left hand, place your right foot through the rear handle and pull the starter rope quickly with your right hand until the engine sounds as if it is trying to start. (Fig.10B)

IMPORTANT: Do not pull the starter rope more than 2-3 times as this may flood the engine.

6. Move choke lever (D) to (HALF) (Fig.10C).
7. Pull starter rope again rapidly until the engine starts but no more than 4 times. (Fig. 10D)
8. Warm up for 10 seconds. Depress and release trigger (E) for IDLE, then go to step 9 (Fig. 10E).
9. Move yellow choke lever (F) to (RUN) (Fig. 10F). If engine failed to start, repeat these instructions.

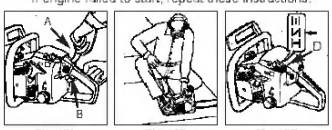

Fig. 10A Fig. 10B Fig. 10C

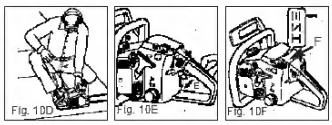

Fig. 10D Fig. 10E Fig. 10F

RE-STARTING A WARM ENGINE

1. Make sure the switch is in the ON position.
2. Move the choke lever to (HALF).
3. Depress the primer bulb 10 times.
4. Set the throttle latch.
5. Pull the starter rope rapidly 4 times. The engine should start.
6. Move the choke lever to (RUN).
7. Release the throttle latch.

TO STOP ENGINE

1. Release trigger and allow engine to return to idle speed.
2. Move STOP switch down to stop engine.

NOTE: For emergency stopping, simply activate chain brake and move STOP switch down.

CHAIN BRAKE OPERATIONAL TEST

Test the chain brake periodically to ensure proper function.

Perform a chain brake test prior to initial cutting, following extensive cutting, and definitely following any Chain brake service.

TEST* CHAIN BRAKE *AS FOLLOWS (Fig. 11) :

1. Place saw on a clear, firm, flat surface.
2. Start engine.
3. Grasp the rear handle (A) with your right hand.
4. With your left hand, hold the front handle (B) [not chain brake lever (C)] firmly.
5. Squeeze the throttle trigger to 1/3 throttle, then immediately activate the chain brake lever (C).

WARNING: Activate the chain brake slowly and deliberately. Keep the chain from touching anything; don t let the saw tip forward.

6. Chain should stop abruptly. When it does, immediately release the throttle trigger.

WARNING: If chain does not stop, turn engine off and take your unit to the nearest Talon Authorized Service Center for service.

7. If chain brake functions properly, turn the engine off and return the chain brake to the DISENGAGED position.

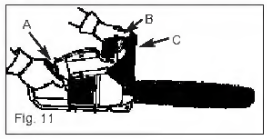

Fig. 11

SAW GHAIN / BAR LUBRIGATION

Adequate lubrication of the saw chain is essential at all times to minimize friction with the guide bar.

Never starve the bar and chain of oil. Running the saw with too little oil will decrease cutting efficiency, shorten saw chain life, cause rapid dulling of chain, and cause excessive wear of bar from overheating. Too little oil is evidenced by smoke, bar discoloration or pitch build-up.

NOTE: Saw chain stretches during use, particularly when it is new, and it will occasionally be necessary to adjust and tighten it. New chain will require adjustment after about 5 minutes of operation.

AUTOMATIC OILER

Your chain saw is equipped with an automatic gear driven oiler system. The oiler automatically delivers the proper amount of oil to the bar and chain. As the engine speed increases, so does the oil flow to the bar pad. There is no flow adjustment. The oil reservoir will run out at approximately the same time as the fuel supply runs out.

GENERAL CUTTING INSTRUCTIONS

FELLING

Felling is the term for cutting down a tree. Small trees up to 6-7 inches (15-18cm) in diameter are usually cut in a single cut. Larger trees require notch cuts. Notch cuts determine the direction the tree will fall.

FELLING A TREE:

WARNING: A retreat path (A) should be planned and cleared as necessary before cuts are started. The retreat path should extend back and diagonally to the rear of the expected line of fall, as illustrated in Fig. 12.

CAUTION: If felling a tree on sloping ground, the chain saw operator should keep on the uphill side of the terrain, as the tree is likely to roll or slide downhill after it is felled.

NOTE: Direction of fall (B) is controlled by the notching cut. Before any cuts are made, consider the location of larger branches and natural lean of the tree to determine the way the tree will fall.

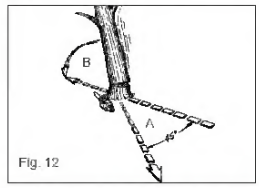

Fig. 12

WARNING: Do not cut down a tree during high or changing winds or if there is a danger to property. Consult a tree professional. Do not cut down a tree if there is a danger of striking utility wires; notify the utility company before making any cuts.

GENERAL GUIDELINES FOR FELLING TREES:

Normally felling consists of 2 main cutting operations, notching (C) and making the felling cut (D).

Start making the upper notch cut (C) on the side of the tree facing the felling direction (E). Be sure you don t make the lower cut too deep into the trunk.

The notch (C) should be deep enough to create a hinge (F) of sufficient width and strength. The notch should be wide enough to direct the fall of the tree for as long as possible.

WARNING: Never walk in front of a tree that has been notched.
Make the felling cut (D) from the other side of the tree and 1.5 - 2.0 inches (3-5 cm) above the edge of the notch (C) (Fig. 13)

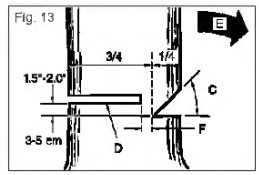

Fig. 13

Never saw completely through the trunk. Always leave a hinge. The hinge guides the tree. If the trunk is completely cut through, control over the felling direction is lost.

Insert a wedge or felling lever in the cut well before the tree becomes unstable and starts to move. This will prevent the guidebar from binding in the felling cut if you have misjudged the falling direction. Make sure no bystanders have entered the range of the falling tree before you push it over.

WARNING: Before making the final cut, always recheck the area for bystanders, animals or obstacles.

FELLING CUT:

1. Use wooden or plastic wedges (A) to prevent binding the bar or chain (B) in the cut. Wedges also control felling (Fig. 14A).
2. When diameter of wood being cut is greater than the bar length, make 2 cuts as shown (Fig. 14B).

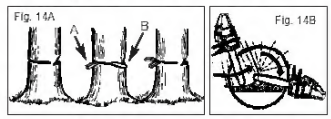

Fig. 14A Fig. 14B

WARNING: As the felling cut gets close to the hinge, the tree should begin to fall. When tree begins to fall, remove saw from cut, stop engine,, put chain saw down, and leave area along retreat path (Fig. 12).

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Service Packs

Description

This test verifies that the endpoint attempting to connect to your system has the latest operating system (OS) service packs installed.

Test Properties

The service packs are listed here by operating system.

How Does this Affect Me?

Service packs are programs that update the software and may include performance enhancements, bug fixes, security enhancements, and so on. There is usually more than one fix in a service pack, whereas a hotfix is usually one fix.

What Do I Need to Do?

Manually initiate an update check (http://v4.windowsupdate.microsoft.com/en/default.asp) if automatic update is not enabled, or is not working.

Windows 2000 Hotfixes

Description

This test verifies that the endpoint attempting to connect to your system has the latest Windows 2000 hotfixes installed.

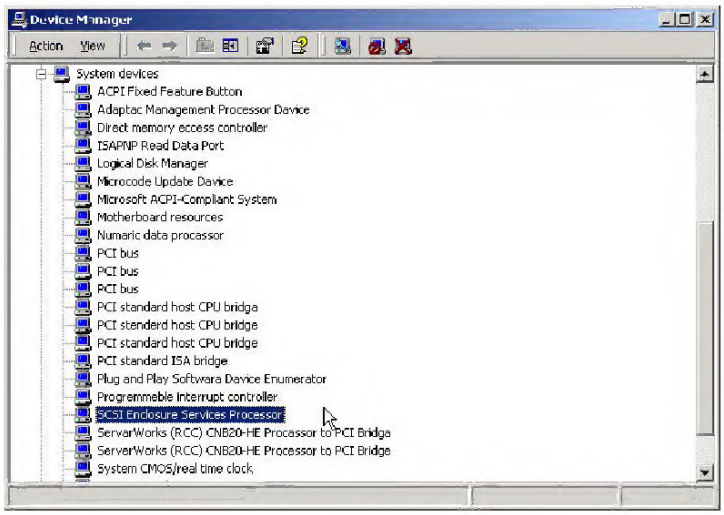
Test Properties

Select the hotfixes from the list presented that are required on your network. This list will occasionally change as tests are updated. The most secure option is to select the **All critical updates** option, as this requires all the critical patches that have been released or that will be released by Microsoft. You don't have to keep checking by patch number.

How Does this Affect Me?

Hotfixes are programs that update the software and may include performance enhancements, bug fixes, security enhancements, and so on. There is usually only one fix in a hotfix, whereas a patch includes multiple hotfixes.

4. Launch the Device Manager (Control Panel, System, Hardware) to verify that the driver has been correctly loaded. It should appear under the 'System devices' section.



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Inspect Muffler And Spark Arrester - *Figure* 9

WARNING

Running engines produce heat. Engine parts, especially muffler, become extremely hot.

Severe thermal burns can occur on contact.

Combustible debris, such as leaves, grass, brush, etc. can catch fire.

- Allow muffler, engine cylinder and fins to cool before touching.
- Remove accumulated debris from muffler area and cylinder area.
- It is a violation of California Public Resource Code, Section 4442, to use or operate the engine on any forest-covered, brush-covered, or grass-covered land unless the exhaust system is equipped with a spark arrester, as defined in Section 4442, maintained in effective working order. Other states or federal jurisdictions may have similar laws. Contact the original equipment manufacturer, retailer, or dealer to obtain a spark arrester designed for the exhaust system installed on this engine.

Inspect the muffler (**A**, Figure 9) for cracks, corrosion, or other damage. Remove the spark arrester (**B**), if equipped, and inspect for damage or carbon blockage. If replacement parts are required, make sure to use only original equipment replacement parts.

WARNING: Replacement parts must be the same and installed in the same position as the original parts or fire could result.

How To Change The Oil - *Figure* 10 11 12

Used oil is a hazardous waste product and must be disposed of properly. Do not discard with household waste. Check with your local authorities, service center, or dealer for safe disposal/recycling facilities.

Remove Oil

1. With engine off but still warm, disconnect the spark plug wire (**A**) and keep it away from the spark plug (Figure 10).
2. Remove the oil drain plug (**B**, Figure 11). Drain the oil into an approved receptacle.
   Note: Any of the oil drain plugs shown below may be installed in the engine.

3. After the oil has drained, install and tighten the oil drain plug.

Add oil

- Place engine level.
- Clean the oil fill area of any debris.
- See the ***Specifications*** section for oil capacity.

Models with oil fill cap

1. Remove the oil fill cap (**D**, Figure 11).
2. Pour the oil slowly into the engine oil fill (**E**). Fill to point of overflowing.
3. Replace and tighten the oil fill cap.

Models with short dipstick

1. Remove the dipstick (**F**, Figure11) and wipe with a clean cloth.
2. Pour the oil slowly into the engine oil fill (**E**). Fill to point of overflowing.
3. Install the dipstick but **do not** screw in. Remove and check the oil level. Oil level should be at the FULL mark (**G**) on the dipstick.
4. Install and tighten the dipstick.

Models with extended dipstick

1. Remove the dipstick (**F**, Figure 12) and wipe with a clean cloth.
2. Pour the oil slowly into the engine oil fill (**E**). **Do not overfill.** After adding oil, wait one minute and then recheck the oil level.
3. Install and tighten the dipstick.
4. Remove the dipstick and check the oil level. It should be at the top of the full indicator (**G**) on the dipstick.
5. Install and tighten the dipstick.

How To Service The Air Filter - *Figure* 13 14 15

WARNING

Gasoline and its vapors are extremely flammable and explosive.

Fire or explosion can cause severe burns or death.

- Never start or run the engine with the air cleaner assembly (if equipped) or the air filter (if equipped) removed.

NOTICE: Do not use pressurized air or solvents to clean the filter. Pressurized air can damage the filter and solvents will dissolve the filter.

The air cleaner system uses a pleated filter with an optional pre-cleaner. The pre-cleaner can be washed and reused.

Flat Air Filter (Figure 13 and Figure 14)

1. Loosen the fastener (**D**) that holds the cover (**A**).
2. Open the cover and remove the pre-cleaner (**C**) and the filter (**B**).
3. To loosen debris, gently tap the filter on a hard surface. If the filter is excessively dirty, replace with a new filter.
4. Wash the pre-cleaner in liquid detergent and water. Then allow it to thoroughly air dry. **Do not** oil the pre-cleaner.
5. Assemble the dry pre-cleaner to the filter with the lip (**G**) of the pre-cleaner on the bottom of the filter pleats.
6. Install the filter.
7. On models equipped with air filter shown in Figure 13, install the cover tabs (**E**) into the slots (**F**).
8. Close the cover and secure with the fastener.

Oval Air Filter (Figure 15)

1. Loosen the fastener (**D**) that holds the cover (**A**).
2. Open the cover and remove the pre-cleaner (**C**) and the filter (**B**).
3. Remove the pre-cleaner (**C**), if equipped, from the filter. To loosen debris, gently tap the filter on a hard surface. If the filter is excessively dirty, replace with a new filter.
4. Wash the pre-cleaner in liquid detergent and water. Then allow it to thoroughly air dry. **Do not** oil the pre-cleaner.
5. Assemble the dry pre-cleaner to the filter.
6. Install the filter and pre-cleaner into the base (**E**) and onto stud (**F**). Make sure filter fits securely into base.
7. Install air filter cover and secure with the fastener. Make sure the fastener is tight.

How To Change The Gear Reduction Oil - *Figure* 16

If your engine is equipped with a gear reduction unit, service as follows.

1. Remove the oil fill plug (**B**) and the oil level plug (**C**).
2. Remove the oil drain plug (**A**, Figure 16) and drain the oil into an appropriate receptacle.
3. Install and tighten the oil drain plug.
4. To refill, slowly pour gear lube into the oil fill hole (see ***Specifications*** section). Continue to pour until the oil runs out of the oil level hole.
5. Install and tighten the oil level plug.
6. Install and tighten the oil fill plug.
   Important: The oil fill plug has a vent hole (**D**) and must be installed on the top of the gear case cover as shown.

How To Replace The Fuel Filter - *Figure* 17

WARNING

Gasoline and its vapors are extremely flammable and explosive.

Fire or explosion can cause severe burns or death.

- Keep gasoline away from sparks, open flames, pilot lights, heat, and other ignition sources.
- Check fuel lines, tank, cap, and fittings frequently for cracks or leaks. Replace if necessary.
- Before cleaning or replacing the fuel filter, drain the fuel tank or close the fuel shut-off valve.
- Replacement parts must be the same and installed in the same position as the original parts.
- If fuel spills, wait until it evaporates before starting engine.

1. Before replacing the fuel filter (**A**, Figure 17), if equipped, drain the fuel tank or close the fuel shut-off valve. Otherwise, fuel can leak out and cause a fire or explosion.
2. Use pliers to squeeze tabs (**B**) on the clamps (**C**), then slide the clamps away from the fuel filter. Twist and pull the fuel lines (**D**) off of the fuel filter.
3. Check the fuel lines for cracks or leaks. Replace if necessary.
4. Replace the fuel filter with an original equipment replacement filter.
5. Secure the fuel lines with the clamps as shown.

How To Clean The Air Cooling System - *Figure* 18

WARNING

Running engines produce heat. Engine parts, especially muffler, become extremely hot.

Severe thermal burns can occur on contact.

Combustible debris, such as leaves, grass, brush, etc. can catch fire.

- Allow muffler, engine cylinder and fins to cool before touching.
- Remove accumulated debris from muffler area and cylinder area.

NOTICE: Do not use water to clean the engine. Water could contaminate the fuel system. Use a brush or dry cloth to clean the engine.

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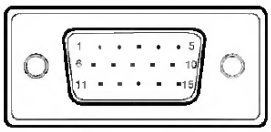
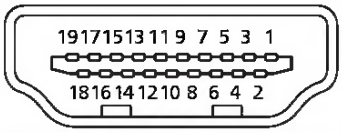
CONNECTOR PIN ASSIGNMENT

15-Pin Color Display Signal Cable



PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1.	Red	9.	+5V
2.	Green	10.	Logic Ground
3.	Blue	11.	Monitor Ground
4.	Monitor Ground	12.	DDC-Serial Data
5.	DDC-return	13.	H-Sync
6.	R-Ground	14.	V-Sync
7.	G-Ground	15.	DDC-Serial Clock
8.	B-Ground		

19-pin color display signal cable*



PIN No.	Description	PIN No.	Description
1	TMDS Data2+	2	TMDS Data2 Shield
3	TMDS Data2–	4	TMDS Data1+
S	TMDS Data1 Shield	6	TMDS Data1–
7	TMDS Data0+	8	TMDS Data0 Shield
9	TMDS Data0–	10	TMDS Clock+
11	TMDS Clock Shield	12	TMDS Clock–
13	CEC	14	Reserved (N.C. on device)
1S	SCL	16	SDA
17	DDC/CEC Ground	18	+SV Power
19	Hot Plug Detect		

* only for certain models

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Powering On/Off the Projector

Powering On the Projector

1. Remove the lens cap.
2. Ensure that the power cord and signal cable are securely connected. The Power LED will flash **red**.
3. Turn on the lamp by pressing "Power/Standby" button on the control panel. ❶ And the Power LED will turn **blue**.
4. Turn on your source (computer, notebook, video player ,etc.). The projector will detect your source automatically.

- *If the screen displays "No Signal", please make sure the signal cables are securely connected.*
- *If you connect multiple sources at the same time, using the "Source" button on the remote control or control panel to switch.*

NOTE

- Turn on the projector first and then the signal sources.

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[Typhoon Mono Input Channels]

We perfectly know the importance of the preamp section, a good preamp section will allow the sound engineer to work with maximum dynamics, an exceptional signal-to-noise ratio... then to be able to use EQ, external dynamic controls and other ancillary equipment to shape its own sound!
The Typhoon preamp section features all the useful controls to accurately manage the sound source in the most versatile way.

PHANTOM POWER switch & LED

The switch must be engaged when you're using a condenser microphone or a direct box that can be powered by phantom power, instead of batteries. The LED gives the user a visual control over channels with phantom power on.

GAIN

The GAIN control gives you the chance to continuously adjust the pre-amplifier gain for input signal. This control can be adjusted in 0/+60dB range for microphone input and -25/+35dB for line input.

HIGH PASS LED

A very useful LED shows if the HIGH PASS section is active or not.

PHASE switch & LED

This switch allows the user to invert by 180° the signal. This switch is very useful in a lot of circumstances, in particular when several microphones are very close (e.g. drum kit, brasses, chorus, etc.) and the sound engineers notices interferences between microphones that can not be solved moving the microphones. The LED gives an immediate control over channels with inverted phase electronic circuits.

CLIP LED

At ▲LTO we're very careful about the feedback we continuously receive by our customers and the demands of pro users. For this reason we included a preamp CLIP LED, allowing the sound engineer to detect the clip incurring at the beginning of the audio path. The preamp CLIP LED turns on when the input level reaches 6dB before clipping. If the clipping has been generated by other channel controls (e.g. an excessive boost by EQ.) the sound engineer will see the preamp CLIP LED not lighted, while the fader clip LED will be lighted. In this case the research of the fault will become much faster!

HIGH PASS switch

This section allow the sound engineer to reduce the lower frequencies by engaging the switch and selecting the turnover frequency in 40Hz/400Hz range. This control is very useful when you detect hum or rumble or you want to cut unwanted low frequency sounds picked-up by microphones.

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Informationen zu Sicherheit und Komfort

Lesen Sie sorgfältig diese Anweisungen. Heben Sie das Dokument für einen späteren Gebrauch auf. Befolgen Sie alle auf dem Produkt befindlichen Warnungen und Anweisungen.

Auf die Stromversorgung achten

Die Stromversorgung des Gerätes muss mit der Angabe auf dem Typenschild übereinstimmen. Sind Sie sich hinsichtlich der Spezifikationen Ihres Stromnetzes unsicher, dann nehmen Sie bitte mit Ihrem Händler oder Stromanbieter Kontakt auf.

Instandsetzen des Produkts

Versuchen Sie niemals das Produkt in eigener Regie zu reparieren. Durch Öffnen des Gehäuses setzen Sie sich Hochspannung und anderen Gefahren aus. Überlassen Sie die Reparatur qualifiziertem Kundendienstpersonal.

Weitere Sicherheitshinweise

- Blicken Sie niemals direkt in das Objektiv des Projektors, wenn die Lampe eingeschaltet ist. Das helle Licht kann Ihren Augen schaden.
- Verwenden Sie das Gerät nicht in folgenden Umgebungen:
  - Eine Stelle, wo es eine hohe Feuchtigkeit, übermäßig Staub oder Zigarettenrauch gibt. Dies kann die optischen Komponenten verschmutzen, die Standzeit des Gerätes verkürzen und das Bild verdunkeln.
  - Eine Stelle, deren Umgebungstemperatur über 40 °C/104 °F beträgt.
- Trennen Sie unverzüglich den Projektor vom Netz, wenn irgendetwas mit ihm nicht stimmt. Betreiben Sie das Gerät nicht, wenn der Projektor Rauch, komische Gerausche oder Geruch abgibt. Ein Brand oder elektrischer Schlag kann die Folge sein. Trennen Sie in diesem Fall unverzüglich den Projektor vom Netz und nehmen Kontakt mit Ihrem Händler auf.
- Richten Sie das Projektorobjektiv nicht auf die Sonne. Ein Brand kann die Folge sein.
- Blicken Sie nicht während des Betriebs des Projektors in das Luftaustrittsgitter. Dies kann Ihren Augen schaden.

Anweisungen zur Entsorgung

Entsorgen Sie das elektronische Gerät nicht mit dem Hausmüll zusammen. Bitte recyceln Sie das Gerät, um die Umweltbelastung zu minimieren und die Umwelt zu schützen. Für weitere Informationen zu den Regelungen über Elektro- und Elektronik-Altgeräte (WEEE) besuchen Sie bitte http://www.acer-group.com/public/Sustainability/sustainability01.htm

Bestimmungen und Sicherheitshinweise

FCC-Erklärung

Dieses Gerät wurde geprüft und hat sich als mit den Grenzwerten für ein Digitalgerät der Klasse B gemäß Teil 15 der Bestimmungen der amerikanischen Bundesbehörde für das Fernmeldewesen FCC (Federal Communications Commission) konform erwiesen. Diese Grenzwerte geben einen angemessenen Schutz gegen schädliche Funkstörungen innerhalb von Wohngebäuden. Dieses Gerät erzeugt und verwendet Funkfrequenzenergie, die ausgestrahlt werden kann und bei unsachgemäßer, nicht der Anleitung des Herstellers entsprechender Installation und Verwendung schädliche Störungen des Rundfunkempfangs verursachen kann. Es gibt jedoch keine Garantie, dass bei einer bestimmten Installation keine Störungen auftreten. Kommt es durch das Gerät zu Störungen im Radio- oder Fernsehempfang, was sich durch Ein- und Ausschalten des Geräts überprüfen lässt, sollte der Benutzer versuchen, die Störung durch eine oder mehrere der folgenden Maßnahmen zu beheben:

- Richten Sie Ihre Empfangsantenne neu aus, oder stellen Sie sie an einem anderen Ort auf.
- Vergrößern Sie den Abstand zwischen dem Gerät und dem Empfänger.
- Schließen Sie das Gerät an eine Steckdose an, die nicht von demselben Stromkreis wie die Steckdose des Empfängers versorgt wird.
- Wenden Sie sich an den Händler oder einen erfahrenen Radio-/Fernsehtechniker.

Hinweis: Abgeschirmte Kabel

Um weiterhin die Anforderungen der FCC-Bestimmungen zu erfüllen, müssen abgeschirmte Kabel bei allen Verbindungen mit anderen Computergeräten verwendet werden.

Hinweis: Peripheriegeräte

Nur die Peripheriegeräte (Ein-/Ausgabegeräte, Endgeräte, Drucker etc.), die für die Konformität mit den Klasse B-Grenzwerten zertifiziert wurden, dürfen mit diesem Gerät verbunden werden. Der Betrieb mit nicht zertifizierten Peripheriegeräten kann Störungen im Radio- oder Fernsehempfang verursachen.

Achtung

Durch Änderungen oder Modifikationen, die nicht ausdrücklich von dem Hersteller genehmigt wurden, kann die von der Federal Communications Commission erteilte Geräteberiebsbefugnis des Benutzers ungültig werden.

Betriebsbedingungen

Dieses Gerät erfüllt alle Anforderungen des Teils 15 der FCC-Bestimmungen. Der Betrieb unterliegt den folgenden zwei Bedingungen: (1) Das Gerät darf keine schädlichen Störungen verursachen. (2) Das Gerät muss störfest gegen aufgenommene Störungen sein. Das betrifft auch solche Störungen, die unerwünschte Betriebszustände verursachen konnten.

Hinweis: Für Benutzer in Kanada

Dieses Digitalgerät der Klasse B erfüllt alle Anforderungen der kanadischen Bestimmungen ICES-003.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

CE-Konformitätserklärung

Hiermit erklären wir, dass das obige Produkt mit den grundlegenden Anforderungen und anderen relevanten Abschnitten der EMV-Richtlinie 2004/108/EG, der Niederspannungsrichtlinie 2006/95/EG, der RoHS-Richtlinie 2011/65/EU und der Richtlinie 2009/125/EG zur Schaffung eines Rahmens für die umweltgerechte Gestaltung energieverbrauchsrelevanter Produkte übereinstimmt.

EAC UA TR 002

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2 Press the **Navigation buttons** to select a home menu item
- **[Watch TV]** Switches back to the aerial source if another source is selected
- **[Setup]** Accesses menus that allow you to change picture, sound and other TV settings
- **[Add new device]** Adds new devices to the home menu
- **[Browse USB]** If a USB storage device is connected, accesses the USB content browser

3 Press **OK** to confirm your choice

Tip

- Press ⌂ (**Home**) at any time to exit the home menu
- Press ⮌ **BACK** at any time to exit the **[Setup]** menu
- Press ▤ **OPTIONS** at any time to exit an options menu

Remove devices from the home menu

If a device is no longer connected to the TV, remove it from the home menu

1 Press ⌂ (**Home**)
↳ The home menu appears

2 Press the **Navigation buttons** to select a device to remove

3 Press **OPTIONS**
↳ A list appears, with **[Remove this device]** selected

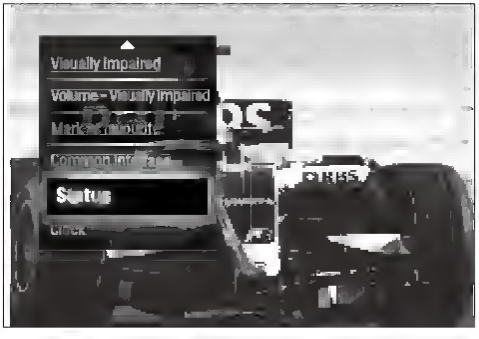
4 Press **OK**
↳ A message appears prompting you to remove the device

5 Press **OK**
↳ The home menu appears, with the device removed

Access the options menu

The options menu gives you quick access to the picture and sound experience bar and other useful features such as **[Status]** The **[Status]** menu gives you an overview of current TV information

1 When watching TV, press ▤ **OPTIONS**
↳ The options menu appears



2 Press the **Navigation buttons** to select an option

3 Press **OK**
↳ The menu of the selected option appears

Access the setup menu

The **[Setup]** menu gives you access to picture, sound and other TV settings

1 Press ⌂ (**Home**)
↳ The home menu appears

2 Press the **Navigation buttons** to select **[Setup]**

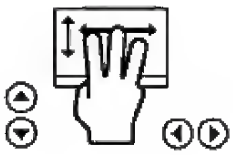
3 Press **OK**
↳ The **[Setup]** menu appears

Gestures

- Mouse

- Zoom in/out ; Rotate

- Flip



Hotkeys

The computer employs hotkeys or key combinations to access most of the computer's controls. To activate hotkeys, tap and hold the <Fn> key before tapping the other key in the hotkey combination.

Caps lock key

The keyboard has a Caps lock key which you can toggle on and off. When Caps Lock is on, all alphabetic characters typed are in uppercase.

Energy Saving

1 Mouse mode: Automatic turn off after 5 minutes of being idle.

2 Keyboard mode: Backlight LED will turn off after a minute of being idle, and the touchpad will automatically turn off after 4 minutes.

Note: The specifications listed above are for reference only. The exact configuration of your PC depends on the model purchased.

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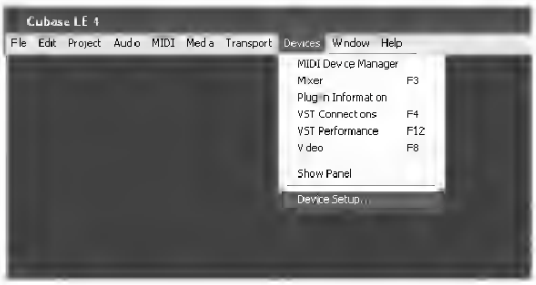
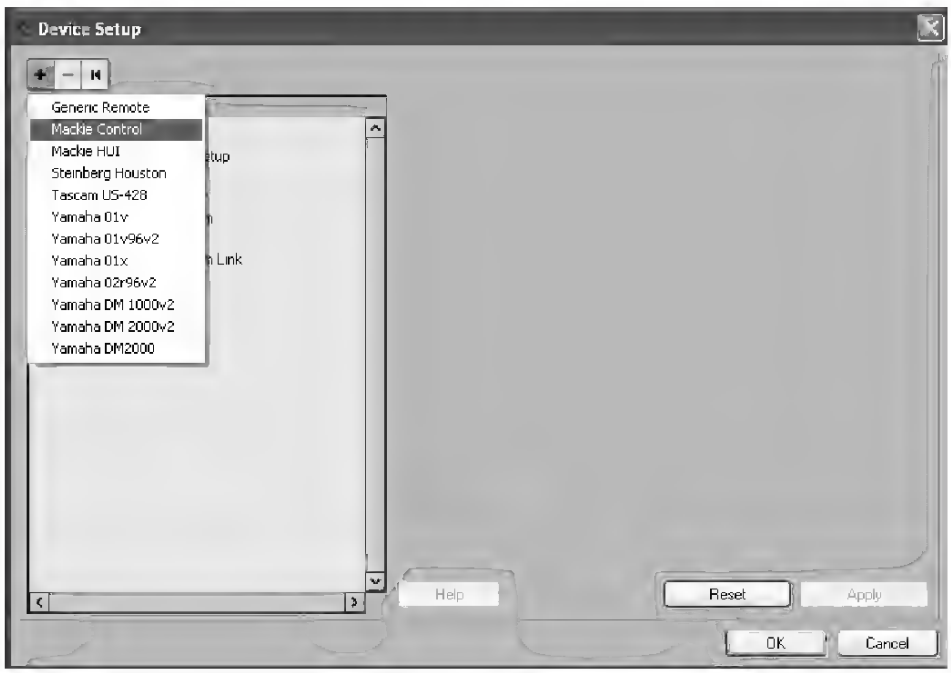
CUBASE AND NUENDO SETUP: CONTROL SURFACE (MAC AND WINDOWS)

1. Again from the menu bar, go to **Devices ▶ Device Setup...**



2. Click the "+" button on the upper-left corner of the window and select "Mackie Control" from the list.



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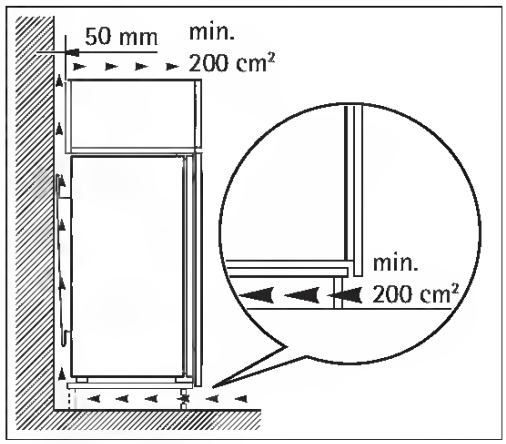
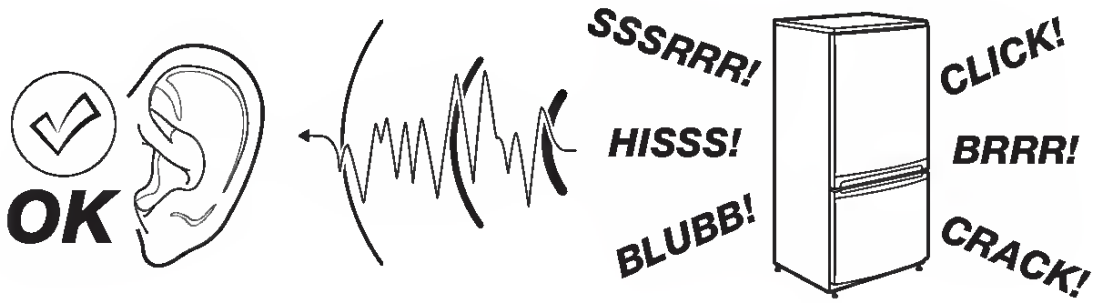
Ventilation requirements

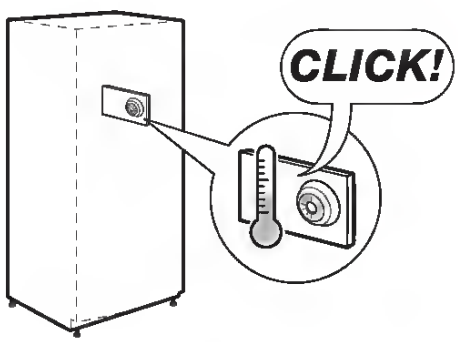
The airflow behind the appliance must be sufficient.



NOISES

There are some sounds during normal running (compressor, refrigerant circulation).





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13.6 Replacing type 4 - 5 cartridge seals (fig. 10, 13, 14, 15, 16)

- Drain the pump casing as described in paragraph 7.
  Attention: residual liquid may be found inside the pump casing, head and suction line; take all necessary precautions if the liquid is hazardous (inflammable, corrosive, poisonous, infected, etc.)
- Unscrew the nuts (52) (fig. 10) and remove the pump casing, taking care not to damage the casing gasket (43)
- Block the impeller (03) and remove the self-locking impeller nut (33)
- Remove the impeller
- Disconnect the flushing lines.
- Fix the seal lock setting plates (25.4) in their seats (fig. 13)
- Loosen the grub screws of the shaft sleeve (fig. 14)
- Unscrew the screws (20.2) which fix the seal flange to the head (fig.15)
- Remove the head (19)
- Remove the seal (25), the shaft sleeve (31), the seal box (20) and the gasket (20.1)
- If the gasket (20.1) is damaged, replace it.

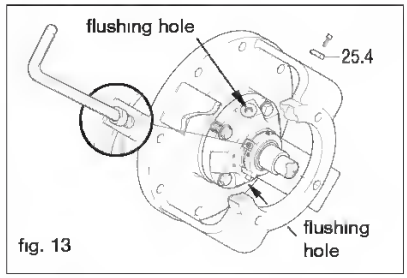

fig. 13

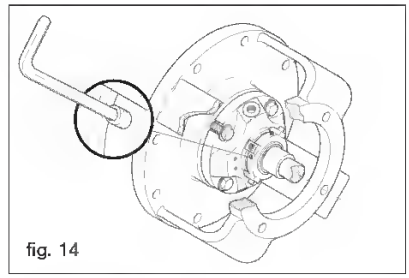
fig. 14

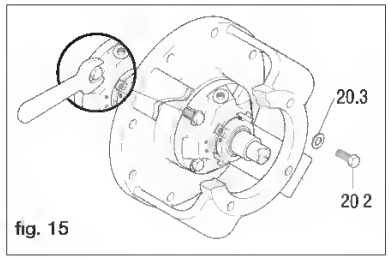

fig. 15

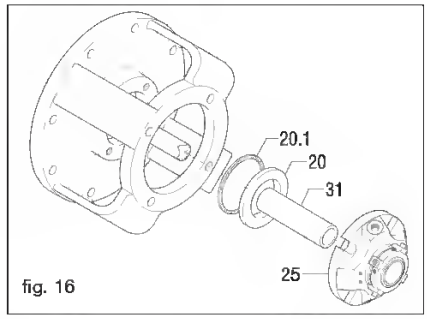

fig. 16

To assemble, proceed in reverse order

- To facilitate the initial assembly of the seal (fig. 16), smear a little oil on the shaft sleeve (31)
- Tighten the fixing screws (20.2) carefully (fig. 15) so as to avoid strain on the stationary seat of the seal
- Tighten the grub screws as far as they will go (fig. 14)
- Remove the setting plates (25.4) which hold the seal (fig. 13) and fix them in the appropriate holes in the flange so that they can be used again to remove the seal
- Reconnect the flushing lines, begin flushing and bleed out air from the area around the seal. **The seal must not run dry even for a few moments.**

13.7 Positioning the impeller with reference to the wear plate(s)

- In all models, the distance between the top of the impeller blades and the surface of the wear plate must be between 0.3 - 0.6 mm (fig. 19). For the 12" model, the distance between the impeller and the front and rear wear plates must be between 0.6 - 1 mm (fig. 22). To achieve this, dimensions A and B in figs. 17, 18, 20, 21 must be as nearly as possible equal. To this end, use the shims (25.2) (fig. 11) supplied with spare mechanical seals. These shims are used to move the impeller further forward if it is too far from the front wear plate or too near the rear wear plate. The shims should be mounted between the seal support ring (25.1) (fig. 11) and the impeller. Further adjustments can be carried out using casing gaskets (and rear wear plate gaskets on models which fit these). The presence of the casing gasket (43) (fig. 10) 0.5 mm thick then creates the correct distance (fig. 19).

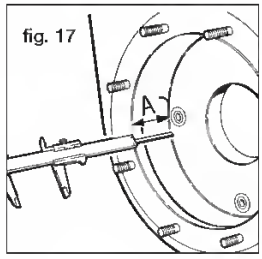

fig. 17

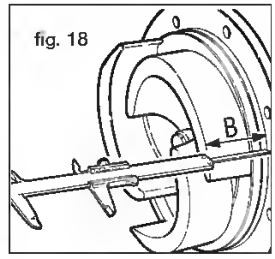

fig. 18

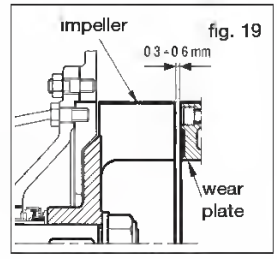

fig. 19

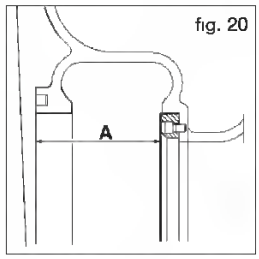

fig. 20

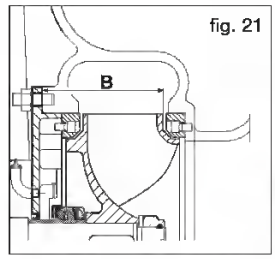

fig. 21

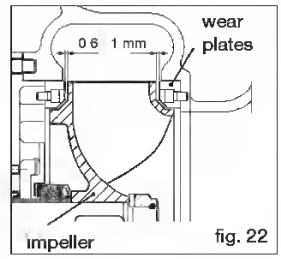

fig. 22

13.8 Maintenance of the bearings (fig. 10)

The pump is supplied with the bearings already greased and does not require maintenance for the first 500 hours of operation.
The bearings in the bearing housing must be lubricated appropriately, avoiding the use of too much grease which can cause overheating and, as a result, damage to the bearings. **NOTE: consult ANNEX 1 on page 52 for the JP/JE monobloc versions.**

13.9 Replacing the bearings

- Drain the pump casing as described in paragraph 7.
  Attention: residual liquid may be found inside the pump casing, head and suction line; take all necessary precautions if the liquid is hazardous (inflammable, corrosive, poisonous, infected, etc.)
- Remove the casing, the head and the mechanical seal
- Remove the flexible coupling hub and the shaft key
- Remove the outer bearing cover (08)
- Extract the shaft from the coupling side
- Extract the bearings using a bearing extractor
- To reassemble, proceed in reverse order.

Taking care of your computer

Please read the important instructions listed in this section. Following these instructions will help you maximize the durability of your computer.

Important tips

- Do not expose the computer to direct sunlight. Do not place it near sources of heat, such as a radiator.
- Do not expose the computer to temperatures below 0°C (32°F), or above 50°C (122°F).
- Do not subject the computer to magnetic fields.
- Do not expose the computer to rain or moisture.
- Do not spill liquid on the computer.
- Do not subject the computer to heavy shock or vibration.
- Do not expose the computer to dust and dirt.
- Never place the system on uneven surfaces.
- Do not step on the power cord or place heavy objects on top of it. Carefully route the power cord and any cables away from personal traffic.
- When unplugging the power cord, do not pull on the cord itself but pull on the plug.
- The total ampere rating of the equipment plugged in should not exceed the ampere rating of the cord if you are using an extension cord. Also, the total current rating of all equipment plugged into a single wall outlet should not exceed the fuse rating.

Cleaning and servicing

To clean your computer and keyboard

1 Turn off the computer and unplug the power cord.
2 Use a soft cloth moistened with water and gently wipe the exterior of the computer and the keyboard. Do not use liquid or aerosol cleaners.

To clean your pointing device

To clean a regular mouse (with rubber ball)

1 Open the circular cover at the base of the mouse.
2 Take out the rubber ball and wipe it with a soft, damp cloth.

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Notes on the Baking Tables

In the tables you will find information on temperatures, cooking times and shelf positions for a selection of dishes.

- Ranges are given for the temperature and cooking time since these are dependent on the mixture, quantity and cake tin used.
- When using for the first time, we recommend setting the lower temperature, and only if necessary, e.g. if increased browning is required or the cooking time is too long, selecting a higher temperature.
- If you cannot find specific information for one of your own recipes, use information on a similar recipe for guidance.

Switch off the oven 10-15 minutes before the end of the cooking time to make use of the residual heat.

The information in the tables applies, when not otherwise stated, for a cold oven.

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Identifying Trouble Conditions

Your system continuously checks for a number of possible trouble conditions. If one of these trouble conditions occurs:

- the Trouble indicator will be ON until the trouble is fixed;
- the keypad will beep twice every 10 seconds until you press any key;
- if AC power is lost, the Trouble LED will flash and the keypad buzzer will not sound.

NOTE: *A Trouble condition reduces the level of security your system is designed to provide. Call your installing company for service.*

Viewing Troubles with an LCD5500Z keypad

1. Press (*)(2). The keypad will display "View Trouble" < > "Trouble Message".
2. Use the (<)(>) keys to scroll through the troubles present on the system.
3. If the keypad shows a "*" beside the trouble message, more information is available. Press (*) to see the rest of the trouble message.
4. To exit trouble viewing, press (#).

Viewing Troubles With a PC55XXZ or LCD5501Z Keypad

1. Press (*)(2). On PC55XXZ keypads, one or more zone lights will turn ON, to indicate which trouble conditions are present. On the LCD5501Z keypad, one or more of the eight trouble/programming indicators will turn ON:

Indicator	Type Of Trouble
1	Service required. Call your installation company for service. Press [1] and one or more of the indicators corresponding to the following system troubles will turn ON: 1. Low Battery 2. Bell Circuit Trouble 3. General System Trouble 4. General System Tamper 5. General System Supervisory 6. Not used 7. PC520X Low Battery 8. PC520X AC Failure
2	AC power lost.
3	Telephone line trouble.
4	The system has failed to communicate with the central station.
5	Zone fault. Press [5]. On PC55XXZ keypads, the zone light(s) corresponding to the zones with faults will turn ON, provided the corresponding zone light is available on the keypad. On LCD5501Z keypads, the keypad display will scroll through the numbers of zones with faults.
6	Zone tamper. Press [6]. On PC55XXZ keypads, the zone light(s) corresponding to the tampered zones will turn ON, provided the corresponding zone light is available on the keypad. On LCD5501Z keypads, the keypad display will scroll through the numbers of tampered zones.

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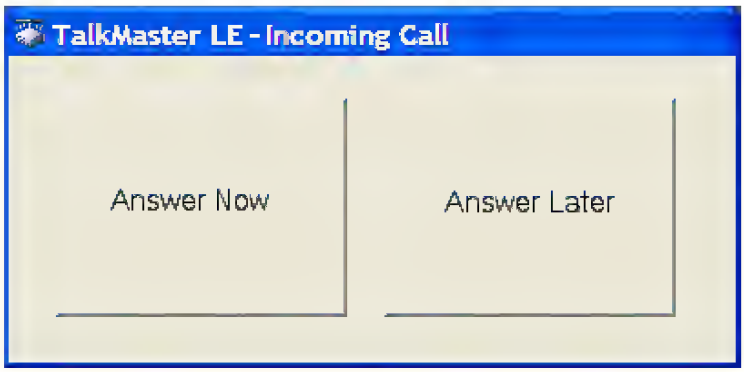
*An important benefit of using **Call Announcement** is that any other intercom is prevented from interrupting your "conversation" because the **Talk** or **Listen** button is always active TalkMaster will not interrupt a call if there is already one in progress Any other intercom that tries to contact TalkMaster will be placed in the **Calls Waiting list***

Incoming Call

The Incoming Call dialog appears when the Activate Call Announcement option has been selected in menu Admin - Preferences - Options tab and the TalkMaster screen has been minimized



Clicking the Answer Now button with the mouse or pressing the Enter or Space Bar key brings up the main TalkMaster window

Clicking the Answer Later button with the mouse sends a message (i e "one moment please") message to the Intercom, closes the dialog and turns off the Visual and Audible Alerts This action allows the TalkMaster operator to complete another task before answering the incoming call If the call is not answered within 30 seconds, the Incoming Call dialog will open again and the Visual and Audible alerts will be triggered Clicking the TalkMaster Icon in the Windows Task Bar or System Tray restores the TalkMaster screen with the Intercom selected in the Intercom View / Custom View

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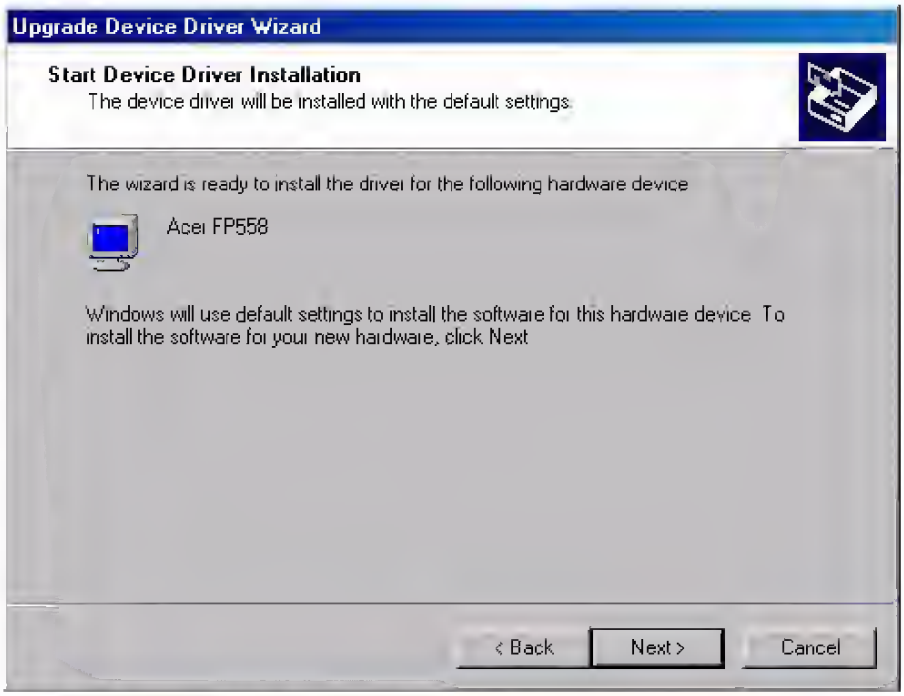
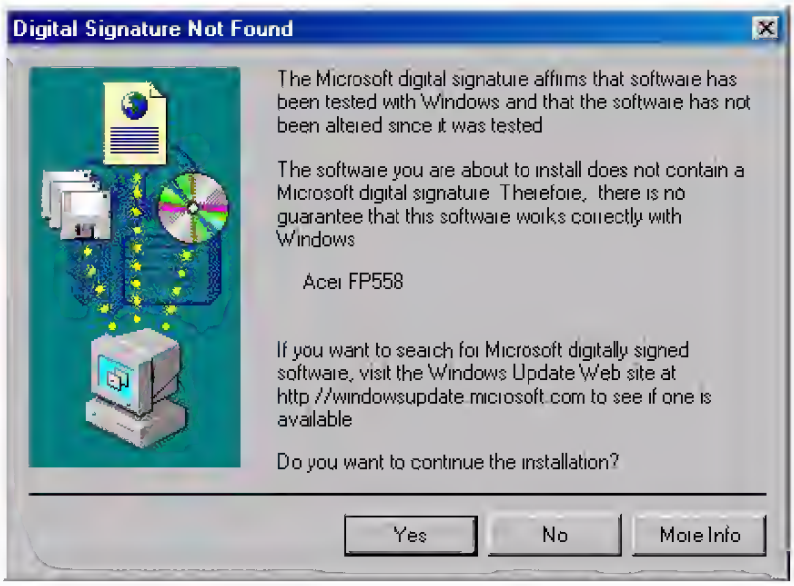
11. In the list of CD-ROM, select "**Drivers**" folder then click "**Open**" twice, then click "**OK**", Select the your LCD Mode (FP751) from the list in the next window then click "**Next**" twice.



12. The "**Digital Signature Not Found**" window will appear, click "**Yes**", then click "**Finish**".



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- Tap. Touch the screen once with the stylus to open items and select options.
- Drag. Hold the stylus on the screen and drag across the screen to select text and images. Drag in a list to select multiple items.
- Tap and hold. Tap and hold the stylus on an item to see a list of actions available for that item. On the pop-up menu that appears, tap the action you want to perform.

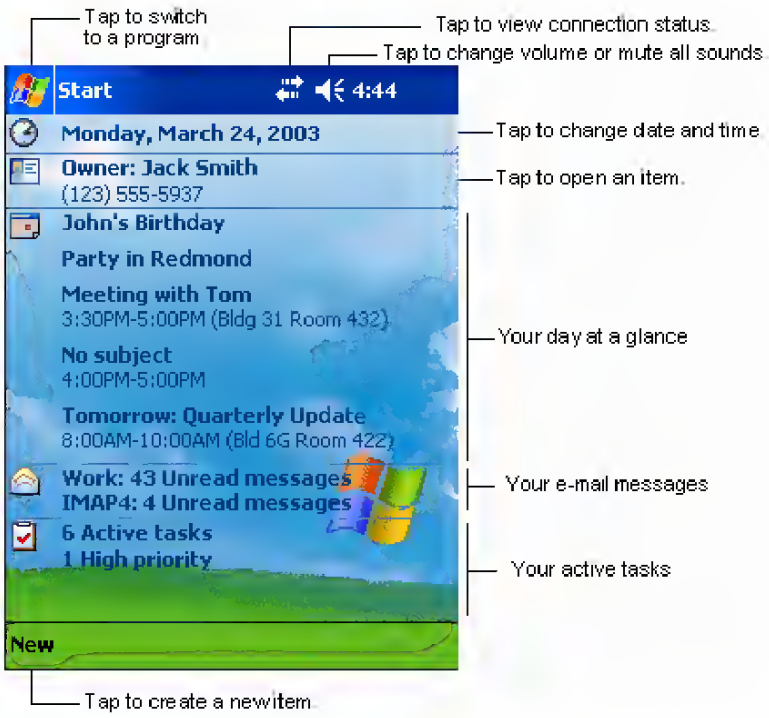
Today screen

The center of the Today screen provides, at a glance, information that you need for the day. Tap an item to view or edit details.

At the top to the screen are status icons. Tap an icon to view details or change options. These icons appear at the top of every screen on your handheld device, not just the Today screen.

When you turn on your handheld device for the first time each day, or after hours of inactivity, the Today screen is displayed.

You can also display it by tapping and then Today.



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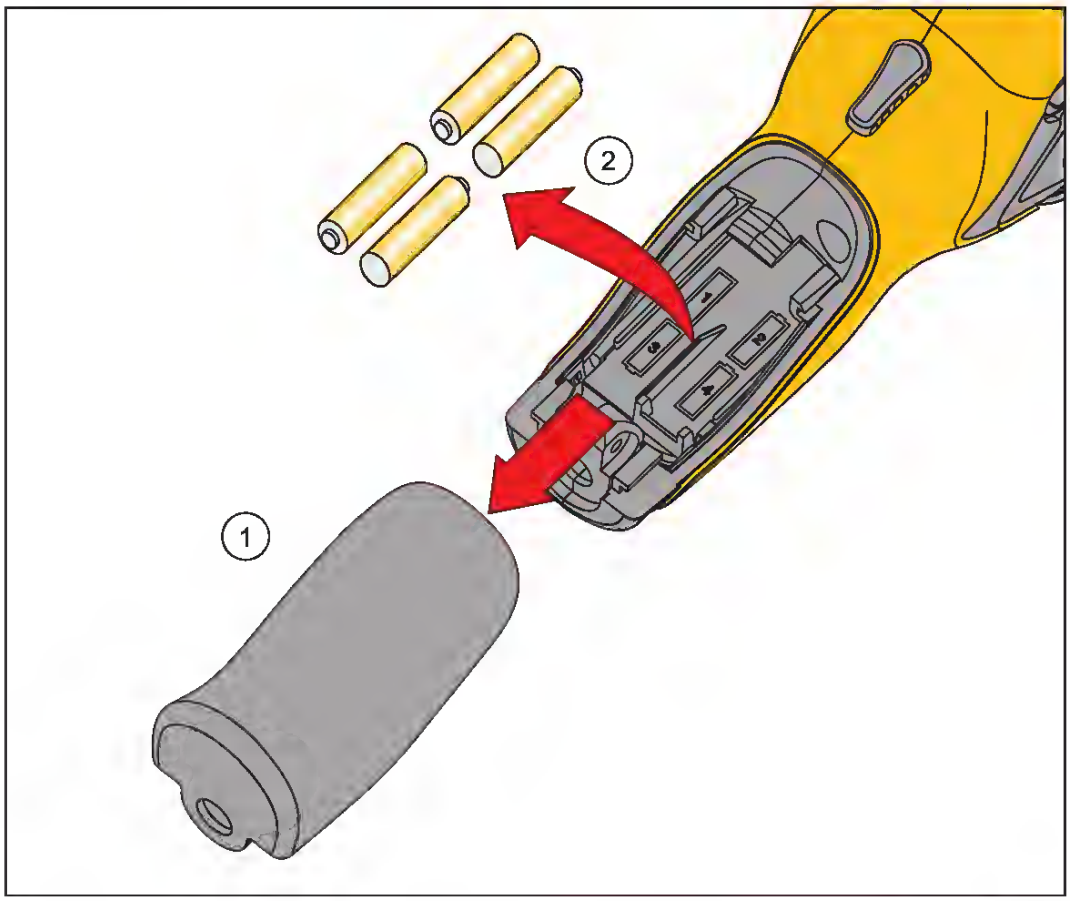

Figure 6. Battery Replacement

4. Slide battery cover into place on the handle.

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OPERACIONES

A. Desbloqueo del código de usuario
Cuando el código de usuario registrado se introduce a través del teclado (entre 4 y 6 dígitos), el LED (grupo 1: naranja, grupo 2: verde) se enciende, el zumbador suena y la cerradura eléctrica se desbloquea.
ej.): grupo 1 1006 grupo 2 04B2

- El intervalo de tiempo durante el que se debe pulsar el botón es de aproximadamente 10 segundos. Si el intervalo de tiempo excede aproximadamente 10 segundos, el valor de entrada se borra.
- Si se equivoca al introducir el código de usuario, repita la operación.
- Cuando se ha configurado la función de "Bloqueo", la función de liberación se bloquea y la operación entrada se inhabilita durante un tiempo especificado (10 ~ 99 segundos) si se introducen códigos no válidos un número de veces configurado (10 ~ 99 veces). (Referencia: "Bloqueo".) Durante este intervalo de tiempo, las teclas parpadean 4 veces, el LED (naranja) parpadea durante el tiempo de desactivación configurado y el zumbador suenan durante aproximadamente 3 segundos.

B. Desbloqueo conectado al temporizador
Cuando la función de desbloqueo conectado al temporizador está activada, la puerta se puede desbloquear pulsando la tecla (0) durante el tiempo establecido mientras que el temporizador esté conectado. El encendido de la tecla (0) se activa mientras el temporizador ha activado éste durante la configuración.

C. Desbloqueo utilizando el botón de solicitud de salida/entrada
Cuando salga, puede activar la cerradura eléctrica pulsando el botón de solicitud de salida/entrada conectado a la unidad. Cuando se pulsa el botón de solicitud de salida/entrada 1, se libera el relé 1 y cuando se pulsa el botón de solicitud de salida/entrada 2, se libera el relé 2.
- Cuando se desbloquee a la puerta utilizando el botón de solicitud de salida/entrada, el LED no se enciende y el zumbador no suena.

PRECAUCIONES TÉCNICAS

- Temperatura de operación : Entre -20°C y 60°C (-4˚F to 140˚F)
- Limpieza: Limpie la unidad con un paño suave humedecido con un producto de limpieza neutro. No utilice limpiadores ni paños abrasivos.
- La unidad es resistente a la intemperie. Sin embargo, no debe rociar agua a alta presión directamente en el teclado del control de acceso. Demasiada humedad puede causar problemas a la unidad.
- Presione y suelte las teclas (7),(0),(8), y (B) simultáneamente cuando la unidad no esté funcionando. ※)Los LEDs (naranja y verde) parpadean, el zumbador suena y se efectúa el reinicio. (Con esto no se configuran los valores predeterminados.)
- Si el reinicio no funciona, contacte el técnico que montó la unidad.

ESPECIFICACIONES

- Alimentación : 12 - 24V CA
  12 - 24V CC
- Consumo: CC: Máx. 70mA
  CA: Máx. 100mA
- Dimensiones:
  AC-10S: 125(H) × 98(A) × 33(P)mm
  AC-10F: 132(H) × 117(A) × 5(P)(entrante: 29)mm
  Caja interna para el montaje empotrado: 100(H) × 85(A) × 45(P)mm
- Peso: AC-10S: aprox. 600g
  AC-10F: aprox. 670g
- IP: IP54
- Número de circuitos de relé: 2
- Contacto de relé: N/O, N/C
- Capacidad de los contactos de relé: 24V CC, 3A (carga resistiva)
  1A (carga inductiva)
  24V CA, 3A (carga resistiva)
  1A (carga inductiva)

GARANTÍA

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Acer eRecovery Management

Acer eRecovery Management is a versatile backup utility. It allows you to create full or incremental backups, burn the factory default image to optical disc, and restore from previously created backups or reinstall applications and drivers. By default, user-created backups are stored to the D:\ drive.

Acer eRecovery Management provides you with:

- Password protection (Empowering Technology password)
- Full and incremental backups to hard disk or optical disc
- Creation of backups:
  - Factory default image
  - User backup image
  - Current system configuration
  - Application backup
- Restore and recovery:
  - Factory default image
  - User backup image
  - From previously-created CD/DVD
  - Reinstall applications/drivers

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Freezing

Except for the bottom drawer, which serves only for storage purposes, all compartments and drawers in the freezer compartment are suited for freezing.

Warning!

- Before foods are frozen, the actual temperature in the freezer compartment must be -18°C or colder.
- Please observe indicated freezing capacity on the rating plate. The freezing capacity represents the maximum amount of fresh goods that can be frozen within 24 hours. If you freeze goods on several days, one after the other, freeze amounts equal to 2/3 to 3/4 of the capacity indicated on the rating plate.
- When freezing large quantities of food, place the frozen freezing accumulation block at the front into the top drawer in the freezing compartment.
- Thawed foods which have not been processed further (cooked into meals) may not under any circumstances be frozen a second time.

☞ **1.** For freezing the maximum capacity press the FROSTMATIC button 24 hours prior to freezing, or 4 to 6 hours for smaller quantities. Yellow indicator lights up.

ⓘ The FROSTMATIC button need not be pressed for freezing of small quantities of up to 3 kg.

2. All foods must be packed air tight prior to freezing, so that they do not dry out or lose their flavour, and so that no flavour contamination of other frozen goods occurs.
Caution! Do not touch frozen goods with wet hands. Hands can freeze to the goods.

3. Place packaged goods in the drawers. Unfrozen goods may not come into contact with already frozen goods, otherwise the frozen goods may start to thaw.

ⓘ The appliance electronics automatically switch the FROSTMATIC function off after a period of 48 hours. Yellow indicator light goes out. You can also stop the FROSTMATIC function manually by pressing the FROSTMATIC button again.

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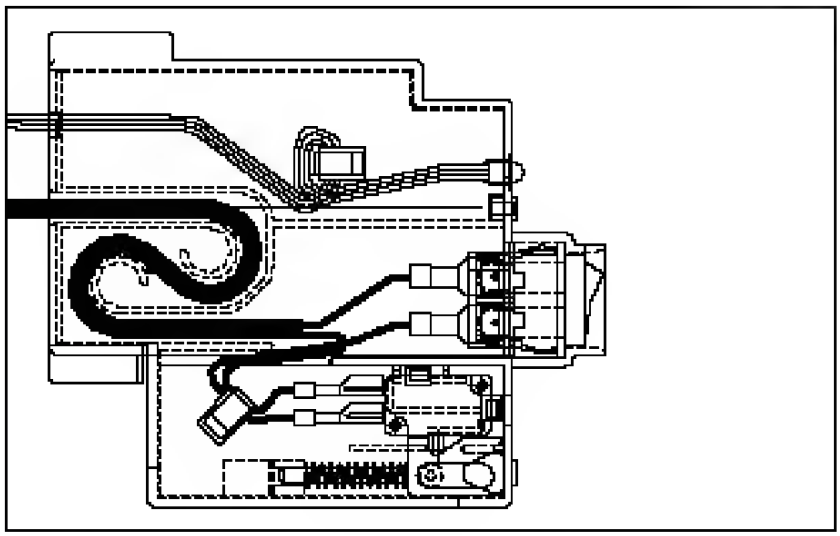

Figure 2-16. Power Supply Switch Cable Strain Relief

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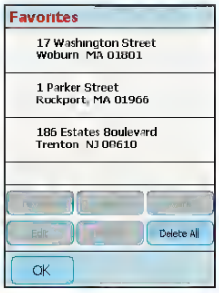


Favorites

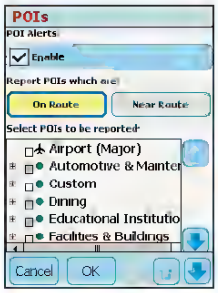
Tap **Favorites** to open your **List of Favorite Addresses**.

To change the assignment of your work or home address, highlight your choice on the list and then tap either **Work** or **Home**.

To edit an address, highlight it and tap **Edit**. Then make your changes in the *Edit Address* screen and click **Next**. Note: POI's cannot be edited, you will get a "No matches found" error message if you try.

To delete a favorite, highlight it and tap **Delete One**. To delete all favorites, tap **Delete All**.

NOTE: When your favorites list is filled (50), each new address will replace the address that has been inactive for the longest period of time.



POIs

Tap **Enable** to enable POI Alerts. CoPilot will then alert you with voice prompts to the presence of points of interest as you approach them. You can use the drop-down pick list to set how far away you'll be when you receive the alerts. In the list of POI categories, select which types of POIs should be reported.

Select **On Route** or **Near Route**, to either limit alerts to POIs right on your route or to include POIs that are nearby.

CoPilot Modes

CoPilot has three modes of operation on the Pocket PC. Tap **Menu > Mode** to select **Guidance**, **Walking**, or **Planning Mode**.

Guidance Mode

In Guidance Mode, you enter one or more destinations, then tap the **Start Driving** button to start driving and receive guidance. This mode provides you with on-screen and spoken driving directions and other information relevant to your trip, such as estimated time of arrival and distance to the next stop.
To receive driving directions and other data, you must have a GPS receiver attached to your Pocket PC and the receiver must be in a good position to receive signals. Also, **Receiving** must be turned on in the **GPS** menu.

Walking Mode

Take CoPilot with you wherever you go! Walking Mode provides an as-the-crow-flies distance and direction line to your destination, directions that are perfect for walking. A GPS receiver must be attached and receiving signals.

Planning Mode

Planning Mode lets you use your Pocket PC as a pre-trip planning tool or easy-to-use reference guide. Planning Mode lets you view static maps and directions without the need for a GPS receiver.

Trip itineraries you create in Planning Mode can be saved and then loaded in any mode at a later time (generate directions, then select **Save Trip As** from the **Tools** menu).

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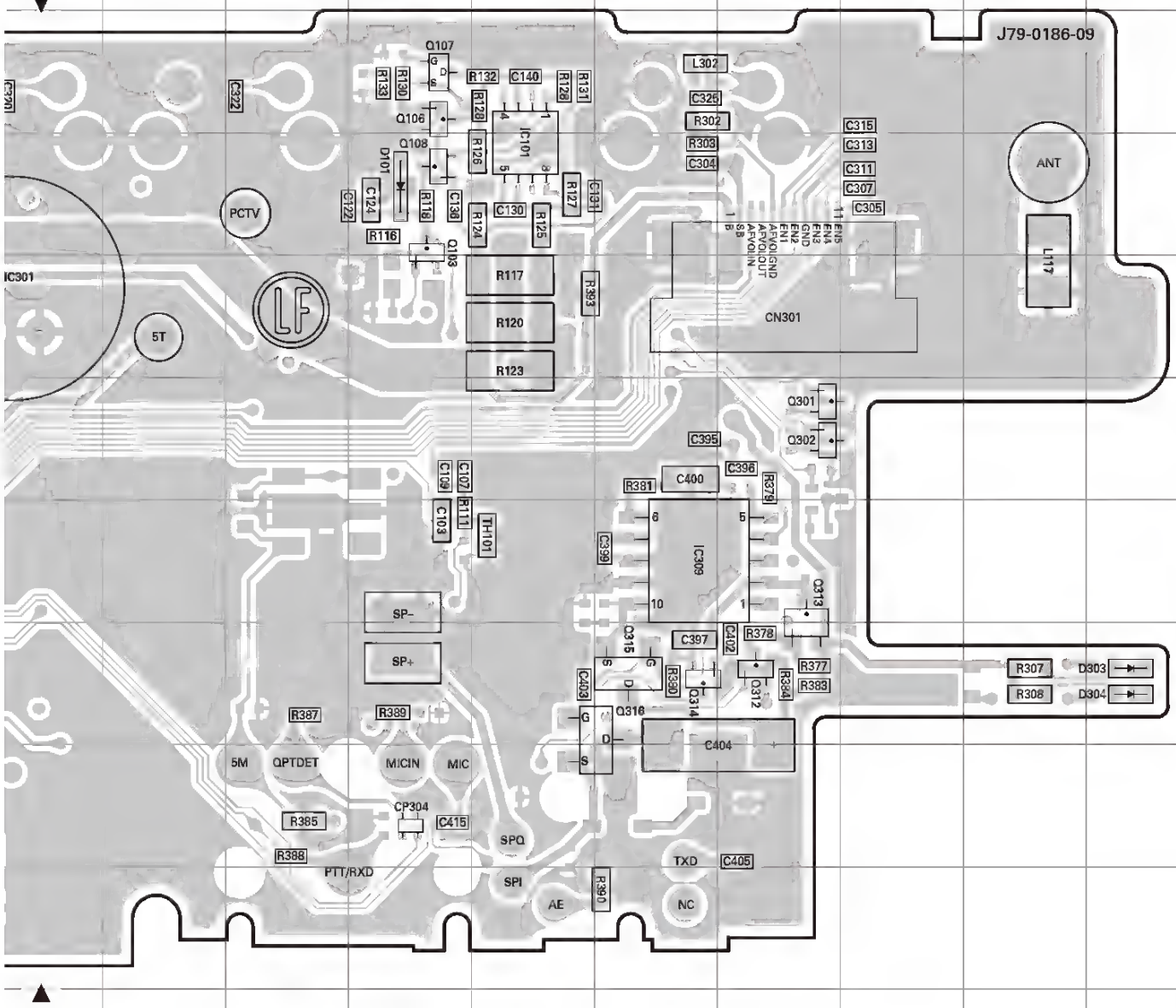
TX-RX UNIT (X57-7570-20) Component side view (J79-0186-09)



Component side

Layer 1

Layer 2

Layer 3

Layer 4

Foil side

USING THE SMARTPICTURE™ CONTROL

Whether you're watching a movie or a video game, your TV has automatic video control settings matched for your current program source or content. The SmartPicture feature quickly resets your TV's video controls for a number of different types of programs and viewing conditions you may have in your home. Each SmartPicture setting is preset at the factory to automatically adjust the TV's Brightness, Color, Picture, Sharpness, Tint, and Color Temperature levels.

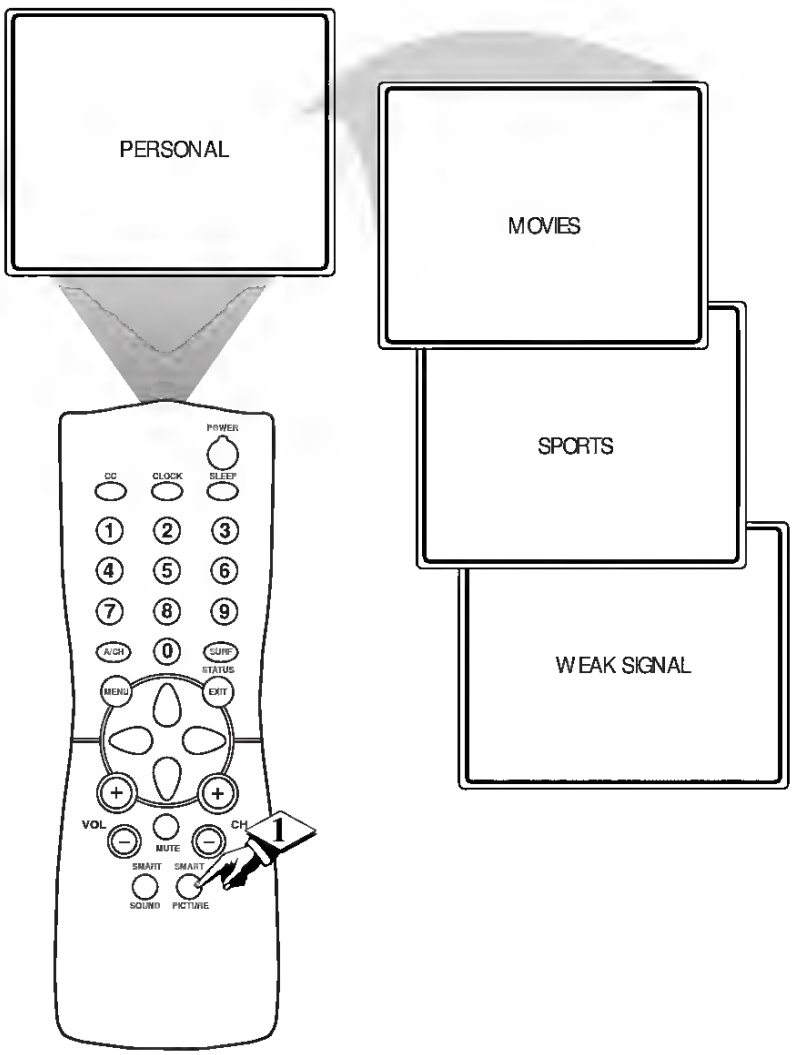
BEGIN

1 **Press the SMART PICTURE button** on the remote control. The current SmartPicture setting will appear in the middle of the screen.

2 **Press the SmartPicture button repeatedly** to select either PERSONAL, MOVIES, SPORTS, or WEAK SIGNAL picture settings.

Note: The PERSONAL control is set using the PICTURE options within the onscreen menu. This is the only SmartPicture control setting that can be changed. All other settings are setup at the factory during the time of production.

STOP



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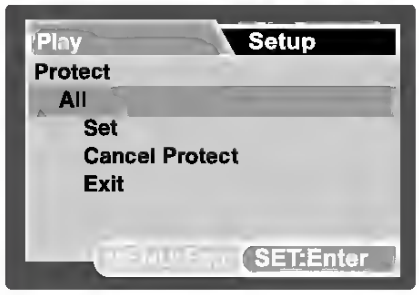
Protecting Images

Set the data to read-only to prevent images from being erased by mistake.

Protecting Images

1. Slide the mode switch to [▶].
2. Select the image that you want to protect with the ◀ / ▶ buttons.
3. Press the **MENU** button.
   - The playback menu is displayed.
4. Select [Protect] with the ▲ / ▼ buttons, and press the **SET** button.
5. Select [Single] or [All] with the ▲ / ▼ buttons, and press the **SET** button.
6. Select [Set] with the ▲ / ▼ buttons, and press the **SET** button.
   - Protection is applied to the image and the camera returns to the playback mode.
   - The protect icon [🔒] is displayed with protected images. When [All] has been selected, [🔒] is displayed with all the images.



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Management

ECO Mode	Choose "On" to dim the projector lamp which will lower power consumption, extend the lamp life and reduce noise. Choose "Off" to return normal mode.
High Altitutde	Choose "On" to turn on High Altitude mode. Operate the fans at full speed continuously to allow for proper high altitude cooling of the projector.
Auto Shutdown	The projector will automatically shutdown when there is no signal input after the allocated time. (in minutes)
Lamp Hour Elapse	Displays the lamp's elapsed operating time (in hours).
Lamp Reminding	Activate this function to display a reminder to change the lamp 30 hours before its expected end-of-life.
Lamp Hour Reset	Press the ▶ button and choose "Yes" to turn the lamp hour counter to 0 hours.

Audio

Volume	• Press ◀ to decrease the volume. • Press ▶ to increase the volume.
Mute	• Choose "On" to mute the volume. • Choose "Off" to restore the volume.
Power On/Off Volume	• Select this function to adjust the notification volume when turning the projector on/off.
Alarm Volume	• Select this function to adjust the volume of any warning votifications.

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Data Usage

The Data Usage section shows how much data has been transmitted to your tablet, either in total or for each app. This information is useful if you are using a metered service.

More...

Putting your tablet in Airplane mode

You can enter Airplane mode (also known as flight mode) to turn off network and Bluetooth functions and use your tablet during a flight. Check with your airline to make sure this is permitted onboard.

Switch your tablet off during takeoff and landing as it may interfere with aircraft electronic systems.

Note

When Airplane mode is active, the ✈ icon is displayed in the status area.

To turn Airplane mode on or off, tap **Settings**, then under **Wireless & Networks** tap **More** > **Airplane mode**.

Alternatively, swipe down twice from the top of the screen to toggle airplane mode on or off.

Virtual Private Network (VPN)

This option enables you to connect to a private network, such as a secure work or office environment.

Add a VPN by tapping **Settings**, then under **Wireless & Networks** tap **More** > **VPN**. In the top-right corner of the screen, tap the plus sign.

You need to set a lock screen PIN or password before you can use credential storage.

Device

Sound & notification

Adjust the volume of your tablet using the volume buttons on the side of the tablet.

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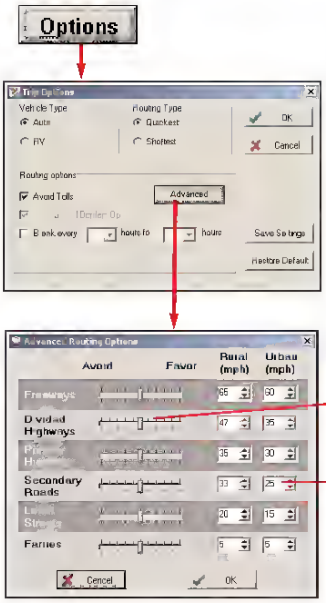
Routing Options



Click the **Options** button in the Tnp Planner window to access CoPilot routing options

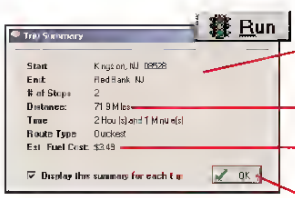
Auto and **Quickest** is the default setting, and provides the quickest routing for automobiles based on practical considerations such as road quality, terrain, and urban/ rural classifications. **RV** routing favors major roads and avoids sharp turns and U-turns where possible.

Click **Advanced** to set general road preferences

Drag the sliding bars to the left or right to avoid or favor each road type

Set the road speeds CoPilot uses in its route calculations for each type of road by either typing or clicking the up and down arrows under **Rural** and **Urban** for each road type.

Trip Summary



Select Run in the *Trip Planner* window to run the trip.

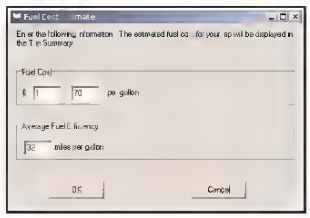
The *Tnp Summary* will show start and end places, and the number of stops in between them.

Total distance and time for tnp

Estimated fuel cost for your tnp based on entries in the *Fuel Cost Calculator* (**Trip** menu).

Click **OK** to view map and driving directions.

Fuel Cost Calculator



To calculate an estimate of your fuel costs for a trip, select **Fuel Cost Calculator** from the **Trip** menu before you run your route.

Fill in the average cost per gallon of fuel that you expect to pay, and the distance per gallon you can expect to get in your vehicle. Click **OK**, then run your trip. A fuel cost estimate based on what you entered will be calculated and shown in the Tnp Summary that CoPilot creates for every tnp you run.

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In addition to these supplied materials, you may need the following items:

- T-15 Torx screwdriver
- Options to be installed such as expansion boards, monitors, uninterruptible power supply (UPS), memory, or Integrated Smart Array Controller
- Application software diskettes
- Operating system and application software

Installing Expansion Boards and Other Major Hardware Options

See Chapter 4, "Installing Hardware Options," for instructions on installing PCI expansion boards and other major hardware options.

The following major hardware options are available for the ProLiant ML370 server and may be obtained from your local Compaq authorized reseller:

- Hot-plug hard drives
- Memory
- Additional processor and Processor Power Module (PPM)
- SCSI controller boards
- Tower-to-rack conversion kit
- Tape drives
- Integrated Management Display
- Remote Insight Board (PCI)
- Hot-plug redundant power supply
- Integrated Smart Array Controller upgrade

CAUTION: Remove the AC power cord from the server before installing options such as PCI expansion boards. Installing expansion boards with the AC power cord connected to the server may result in damage to the system.

This guide covers only the installation of a typical expansion board, hard drive, memory, SCSI devices, integrated controller, and a second processor.

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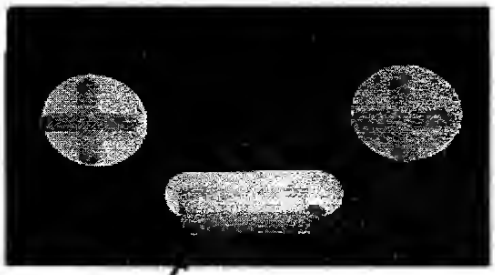
TOP COVER TO CABINET HINGE

Some models will have a plastic hinge assembly holding the main top to the cabinet. ***(Figure 4-1)***

Figure 4-1

The hinge assembly is removed from the unit by lifting the main top about 2 inches and sliding it forward. The hinge is then removed by pushing up and out on the lower tab and lifting the hinge up to release it from the cabinet. ***(Figure 4-2)***



Lift up and push out on hinge tab to release hinge from cabinet

Figure 4-2

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GUARANTEE CONDITIONS

South Africa

Guarantee Conditions

1. AEG guarantees the equipment against defective material or faulty manufacture, **provided it is** used for domestic purposes only, for a period twelve (12) months from the date of purchase by the original purchaser. **If used for commercial purposes, the warrantly period will be limited to six (6) months.**

2. Where the appliance is used or installed more than Fifty **(50)** kilometres from the nearest AEG Service Agent shall be **for** the account of the purchaser.

3. The risk in regard to appliances to be repaired shall at all times remain with the purchaser.

4. This guarantee is given on condition that only genuine AEG parts and accessories are at all times used in the appliance.

5. AEG shall not be responsible for damage of any kind resulting from electricity fluctuations, faults in the building wiring, faulty **installations**, improper use of controls or failure to use the appliance in accordance with the operating instructions **and/or** general misure **and/or** abuse.

6. Any attempt by an unauthorised person to repair or tamper with the equipment shall render this guarantee null and void.

7. This guarantee does not apply to light bulbs, loose glass, glass oven doors and enamelled surfaces or to dust bags, filters **and other parts subject to wear and tear.**

8. AEG shall not be responsible in terms of this guarantee for the replacement or repair of any part of the equipment which may have been damaged in transit.

9. Repairs carried out under guarantee do not extend the guarantee period for the appliance. Parts removed during guarantee repairs become the property of AEG.

10. This guarantee shall be available only to an original purchaser of AEG **domesic** appliances from an authorised AEG Dealer of **Distributor** in and where the appliance has been retained for use in the Republic of South Africa, Namibia, Botswana, Swaziland, Lesotho and **Zimbabwe.**

11. Failure to produce documentary proof of the date or original acquisition by the original purchaser will result in **normal charges** being levied for **the** work **carried out** and **the** parts supplied.

12. The liability of AEG under this guarantee is limited to the replacement and/or repair of the defective parts within the guarantee period and does not extend to be installation or removal of the appliance. Furthermore, AEG does not accept responsibility or **liability** to compensate for any consequential loss or damage of any kind caused by or due to the failure of operation or malfunction of any equipment to which this guarantee applies.

AEG Domestic Appliances. A division of Electrolux S.A. (Pty) Ltd.

55 Twelfth Road, Kew, Johannesburg 2000

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AVERTISSEMENT

POUR REDUIRE LE RISQUE DE COURT-CIRCUIT OU DE CHOC ELECTRIQUE, NE PAS EXPOSER CET APPAREIL A LA PLUIE OU A L'HUMIDITE.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

"ATTENTION:POUR REDUIRE LE RISQUE DE CHOC ELECTRIQUE, NE PAS ENLEVER LE COUVERCLE (NI LE DOS). CET APPAREIL NE CONTIENT PAS DE PIECES REPARABLES PAR L'UTILISATEUR. POUR TOUTE REPARATION, S'ADRESSER A UNE PERSONNE QUALIFIEE."

Signification des symboles graphiques:

L'éclair portant une flèche, situé dans un triangle équilatéral, sert à prévenir l'utilisateur de la présence d'une "tension dangereuse" non isolée à l'intérieur de l'appareil, assez élevée pour constituer un risque d'électrocution.

Le point d'exclamation situé dans un triangle équilatéral, sert à prévenir l'utilisateur de la présence d'instructions importantes concernant l'utilisation et l'entretien (ou la réparation) de l'appareil dans le manuel qui accompagne ce dernier.

Relavé du propriétaire
Pour plus de commodité, noter le numéro de modèle et le numéro de série (ces numéros se trouvent au dos de l'appareil) dans les cases ci-dessous. Prière de mentionner ces numéros quand on contacte un distributeur Aiwa en ces de difficulté.

N° de modèle	N° de série (N° de lot)
AV-D50	

PRECAUTIONS

Lisez ettentivement et complètement le mode d'emploi avant d'utiliser l'ampli-tuner et conservez-le pour toute réference future. Respectez tous les avertissements et consignes mentionnés dans le mode d'emploi, ainsi que les conseils concernant la securite.

Installation

1 **Eau et humidité** — Ne pas utiliser l'ampli-tuner près d'une baignoire, d'un lavabo, d'une piscine ou de tout autre endroit simileire.
2 **Chaleur** — Ne pas utiliser l'ampli-tuner près d'une source de chaleur, comme une sortie d'air chaud, un chauffage, ou autre appareil produisant de la chaleur. Il ne doit pas non plus être exposé a des températures inférieures a 5°C (41°F) ou supérieures à 35°C (95°F).
3 **Installation** — Installez l'ampli-tuner sur une surface plane, de niveau.
4 **Ventilation** — Laissez un espace suffisant tout autour de l'ampli-tuner pour garantir une bonne ventilation, soit environ 10 cm (4 po.) à l'arrière et au-dessus de l'empli-tuner et 5 cm (2 po.) sur les deux côtés.
   - Ne pas poser l'ampli-tuner sur un lit, une couverture ou toute autre surface similaire qui pourrait bloquer les orifices de ventilation.
   - Ne pas installer l'ampli-tuner dans une étagère, un placard ou un meuble où le ventilation est insuffisante.
5 **Objets et liquide** — Veillez à ce qu'aucun objet ni liquide ne pénètre dans les orifices de ventilation de l'ampli-tuner.
6 **Chariots et supports** — Quand vous installez l'ampli-tuner sur un support ou un chariot, déplacez-les lentement.
A ceuse d'arrêts subits, de mouvements brusques et de surfaces inegales, l'ampli-tuner ou le chariot peuvent être renversés.

7 **Fixation au mur ou au plafond** — L'ampli-tuner ne doit pas être installé au mur ou au plafond.

Electricité

1 **Sourcea d'alimentation** — Raccordez l'ampli-tuner seulement à la source d'alimentation spécifiée dans le mode d'emploi et indiquée sur l'ampli-tuner proprement dit.
2 **Polarisation** — Par mesure de sécurité, certains appareils sont equipes d'une fiche secteur polarisée qui ne rentre dens la prise murale que dens un seul sens. S'il n'est pes possible d'insérer la fiche dans la prise, essayez dans l'autre sens. S'il n'est toujours pas possible d'insérer la fiche dans la prise, faites appel a un électricien pour remplacer la prise qui est probablement trop vieille. Ne pas modifier la fiche polarisée, elle ne remplirait plus son but.
3 **Cordon d'alimentation secteur**
   - Quand vous débranchez le cordon d'alimentation secteur, tirez sur la fiche et non pas sur le cordon.
   - Ne jamais toucher la fiche secteur avec des mains humides afin d'éviter les risques d'incendie ou d'électrocution.
   - Les cordons d'alimentation doivent être fixés correctement pour éviter qu'ils ne soient pliés, coincés ou piétinés. Feites particulièrement attention au cordon reliant l'ampli-tuner à la prise secteur.
   - Evitez de surcharger les fiches et cordons de prolongation au-delà de leur capacité afin d'éviter tout risque d'incendie ou d'électrocution.
4 **Cordon de prolongation** — Afin d'éviter tout risque d'électrocution, ne pas utiliser de fiche secteur polarisée avec un cordon de prolongation, douille ou autre type de prise à moins que la fiche polarisée ne soit complètement insérée sans laisser les lames à découvert.

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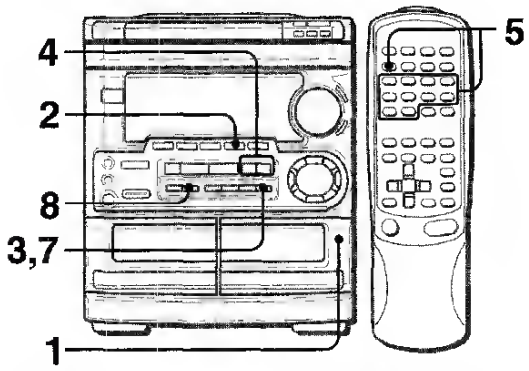
GRABACION CON EDICION PROGRAMADA



La función de edición programada permite grabar discos compactos mientras se comprueba el tiempo restante da cada cara de la cinta según se programan las canciones.

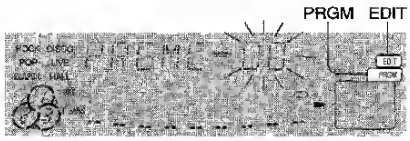
NOTA

La grabación con edición programada no empezará desde un punto ubicado en medio de la cinta. La cinta deberá grabarse desde el principio de una de las caras.

1 **Inserte la cinta en la platina 2.**
Inserte la cinta con la cara que vaya a grabar en primer lugar hacia afuera de la unidad.

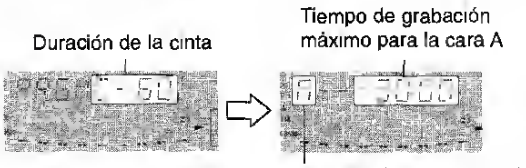
2 **Pulsa el botón CD e introduzca el(los) disco(a).**

3 **Pulse el botón CD EDIT/CHECK dos veces.**
"EDIT" y "PRGM" se encenderán en el visualizador.



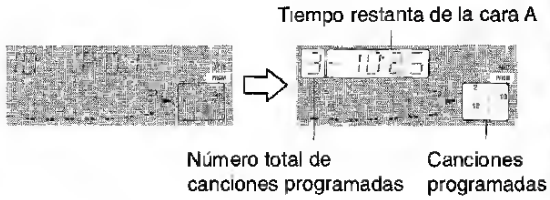
Pulse de nuevo al botón CD EDIT/CHECK cuando se visualice "AI".

4 **Pulse los botones ◄◄ o ►► para designar la duración de la cinta.**
Se puede especificar una duración de 10 a 99 minutos.



5 **Pulse el botón DISC DIRECT PLAY, y luego pulse uno de los botones numerados 1 a 3 del control remoto antes de que pasen 3 segundos. Luego, pulse los botones numerados y el botón +10 del control remoto para programar una canción.**
Ejemplo: Para seleccionar la canción número 10 del disco 2, pulse los botones DISC DIRECT PLAY y 2, y luego pulse los botones +10 y 0.

6 **Repita el paso 5 para el resto de las canciones para la cara A.**
Una canción cuyo tiempo de reproducción saa superior al tiempo restanta no podrá ser programada.

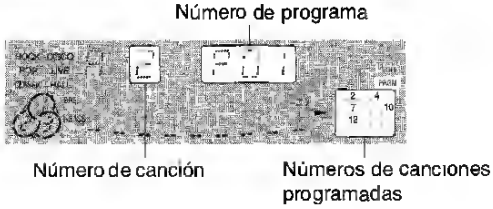


7 **Pulse el botón CD EDIT/CHECK para seleccionar la cara B y programe las canciones para la cara B.**
Después de confirmar que B aparezca en el visualizador, repita el paso 5.

8 **Pulse el botón ● REC/REC MUTE para iniciar la grabación.**
La cinta se rebobinará hasta el principio de la cara delantera, el segmento guía avanzará durante 10 segundos y la grabación empezará. Cuando termine de grabarse la cara delantera (A) empezará la grabación de la cara trasera (B).

Para detener la grabación
Pulse el botón ■. La grabación y la reproducción del disco compacto pararán simultáneamente.

Para comprobar el orden de los números de las canciones programadas
Antes de grabar, pulse el botón CD EDIT/CHECK para seleccionar la cara A o la B, y pulse repetidamente el botón ◄◄ o ►►.



Para cambiar el programa de cada cara
Pulse el botón CD EDIT/CHECK para seleccionar la cara A o B, y pulse el botón ■ CLEAR para borrar el programa de la cara seleccionada. Luego vuelva a programar canciones.

Para borrar el programa de edición
Pulse el botón ■ dos veces para que "EDIT" desaparezca del visualizador.

NOTA

La grabación no podrá realizarse si están rotas las lengüetas de prevención de borrado de ambos lados de la cinta.

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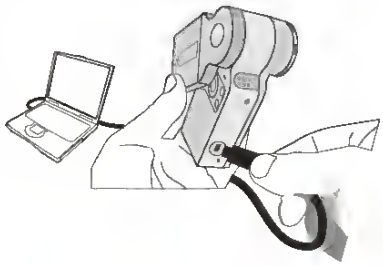
Installing the software

The PC camera software is included in the camera driver, and therefore you should install the driver before using the PC camera function. If you have not yet installed the driver, please see page 36 for details on the installation.

Starting the application

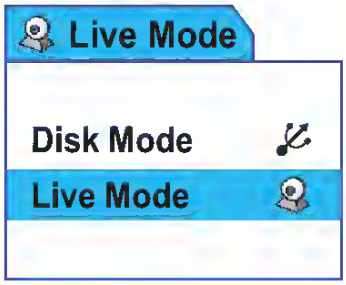
1 Connect the camera to your computer.

Connect the camera to your computer using the accessory USB cable.



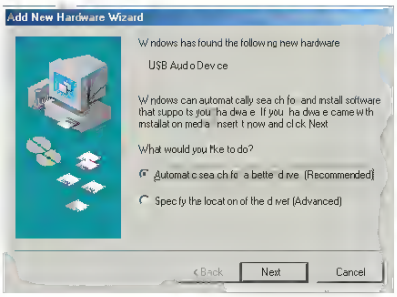
2 Turn on the camera and switch to Live mode.

Turn on your camera, and the LCD will display as illustrated. Press the **Up** or **Down** (▲▼) button to select the Live Mode item, and then press the **Menu/OK** (**Menu/OK**) button to confirm.



If you want to use the Video Conferencing function, please install programs such as ***Netmeeting*** to serve the purpose.

Notice for Windows ME users:
When the indicated screen appears, please select **Automatic search for a better driver** and click **Next** to continue.



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Updating Controller Firmware

Controller firmware must be updated on both nodes. Use the following procedure to upgrade the controller firmware:

1. Turn on the RA4100 and wait about 90 seconds for the RA4000 controllers to complete their POSTs.
2. Insert the firmware upgrade diskette into the drive. (You made this diskette in the preceding procedure.)
3. Boot the node from the diskette, and then follow the prompts on the screen until the firmware is updated.
4. Remove the firmware diskette and upgrade the controller firmware on node 2 using step 2 and step 3 of this procedure.

   Continue with one of the following procedures when the firmware is updated:

   - Continue with the "Verify the ServerNet I Connections" section for cluster interconnects using ServerNet I.
   - Continue with the "Installing the Cluster Using Quick Install" section for cluster interconnects using Ethernet.

Verifying ServerNet I Connections

NOTE: This section applies only to clusters connected with ServerNet I. If the cluster is connected with Ethernet, proceed to the next section, "Installing the Cluster Using Quick Install."

To verify the ServerNet I connections, create a ServerNet utility diskette for each node. To create the diskettes, download the ServerNet Verification Utilities Softpaq from the following site:

http://www.compaq.com/support

From the welcome window of that site, take the following path:

1. Select software & drivers. A download center window displays.
2. Select servers.

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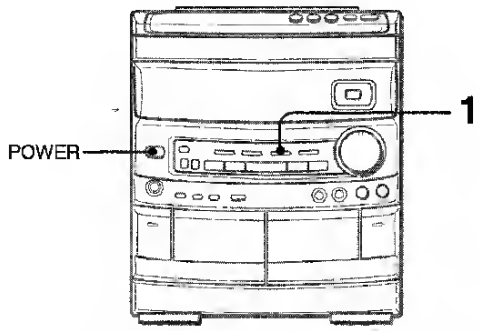
ESCUCHA DE FUENTES DE SONIDO EXTERNAS



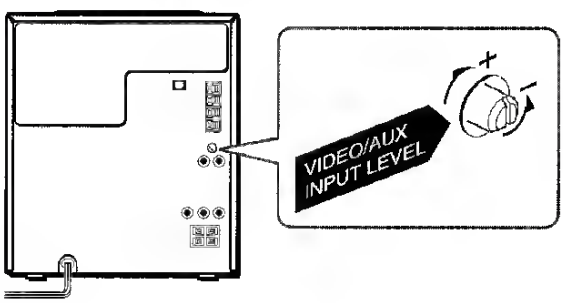
Para hacer la reproducción en el equipo conectado a las tomas VIDEO/AUX, siga el procedimiento siguiente.

1 Pulse el botón VIDEO/AUX.
VIDEO aparecerá en el visualizador.

2 Haga la reproducción en el equipo conectado.

Para cambiar el nombre de una fuente de sonido en el visualizador
Cuando se pulse el botón VIDEO/AUX, VIDEO se visualizará inicialmente. Esto podrá ser cambiado por AUX o TV.
Cuando la alimentación esté conectada, pulse el botón POWER mientras pulsa el botón VIDEO/AUX.
Repita el procedimiento para seleccionar uno de los nombres.

Para ajustar el nivel del sonido de la fuente de sonido externa
Cuando el nivel del sonido de la fuente externa sea muy superior o muy inferior al nivel del sonido de otras fuentes de sonido, ajústelo de la forma siguiente:
1 Pulse el botón VIDEO/AUX y haga la reproducción en el equipo.
2 Gire el control VIDEO/AUX INPUT LEVEL del panel trasero hasta que el nivel del sonido sea el mismo que el de otras fuentes de sonido.

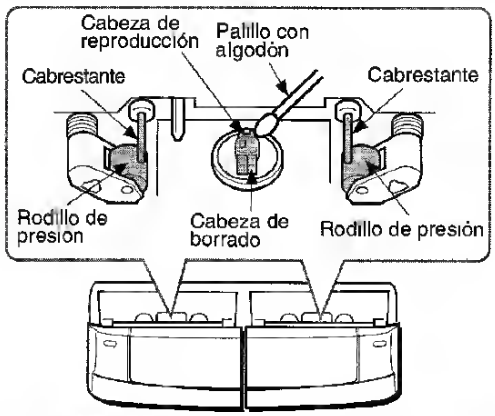


CUIDADOS Y MANTENIMIENTO

El mantenimiento y el cuidado ocasional de la unidad y del software resultan necesarios para optimizar las prestaciones de su unidad.

Para limpiar la caja
Utilice un paño blando y seco.
Si las superficies están muy sucias, utilice un paño suave humedecido un poco en una solución de detergente suave. No utilice disolventes fuertes tales como alcohol, bencina o diluyente porque éstos podrían estropear el acabado de la unidad.

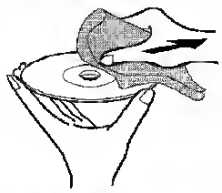
Para limpiar las cabezas y los puntos por donde pasa la cinta
Después de cada 10 horas de funcionamiento, limpie las cabezas y los puntos por donde pasa la cinta con un casete de limpieza de cabezas o un palillo con algodón humedecido con líquido de limpieza o alcohol desnaturalizado. (Estos juegos de limpieza pueden adquirirse en los comercios del ramo.)
Cuando limpie con un palillo con algodón, limpie la cabeza de grabación/reproducción, la cabeza de borrado (platina 2 solamente), los cabrestantes y los rodillos de presión.



Después de limpiar las cabezas y los puntos por donde pasa la cinta con un casete de limpieza de cabezas que emplee líquido o un palillo con algodón humedecido en líquido de limpieza, espere hasta que las partes limpiadas estén completamente secas antes de introducir las cintas.

Para desmagnetizar las cabezas
Las cabezas se magnetizan después de utilizarlas durante mucho tiempo. Esto puede reducir la gama de salida de las cintas grabadas y aumentar el ruido. Después de 20 a 30 horas de utilización, desmagnetice las cabezas con un desmagnetizador de venta en el comercio del ramo.

Cuidado de los discos
- Cuando un disco esté sucio, límpielo pasando un paño de limpieza desde el centro hacia afuera.



- Después de reproducir un disco, guárdelo en su caja. No deje los discos en lugares calientes o húmedos.

Cuidados de las cintas
- Guarde las cintas en sus cajas después de utilizarlas.
- No deje las cintas cerca de imanes, motores, televisores o cualquier otra fuente de magnetismo. Esto reducirá la calidad del sonido y causará ruidos.
- No exponga cintas a la luz directa del sol, ni las deje en el interior de un automóvil estacionado bajo la luz directa del sol.

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Chapter 3 BIOS Utility

Most systems are already configured by the manufacturer or the dealer. There is no need to run Setup when starting the computer unless you get a Run Setup message.

The Setup program loads configuration values into the battery-backed nonvolatile memory called CMOS RAM. This memory area is not part of the system RAM.

If you repeatedly receive Run Setup messages, the battery may be bad. In this case, the system cannot retain configuration values in CMOS. Ask a qualified technician for assistance.

Before you run Setup, make sure that you have saved all open files. The system reboots immediately after you exit Setup.

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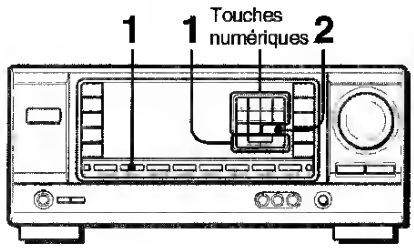
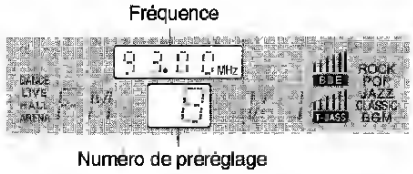
PREREGLAGE DES STATIONS



L'ampli-tuner peut mémoriser en tout 32 stations. Quand une station est mémorisée, un numéro de préréglage est affecté à cette station. Utilisez le numéro de préréglege pour eccorder directement la station préréglée.

1 **Appuyez sur la touche TUNER pour sélectionner la gamme et sur la touche UP▲ ou DOWN▼ pour sélectionner une station. Vous pouvez aussi utiliser l'accord direct.**

2 **Appuyez sur la touche SET pour mémoriser la station.**
Un numéro est affecté à cheque station mémorisée, à partir de 1 dans l'ordre consécutif pour chaque gamme



3 **Refaites les opérations 1 et 2.**
Il n'est pas possible de prérégler une nouvelle stetion si 32 stations sont déjà mémorisées pour toutes les gammes.

REMARQUE

Quand vous changez l'intervalle d'accord AM, toutes les stations préréglées sont supprimées. Vous devez les prérégler une nouvelle fois.

ACCORD DES STATIONS PREREGLEES

1 **Appuyez sur la touche TUNER pour sélectionner une gamme.**

2 **Appuyez sur les touches numériques pour sélectionner une station préréglée.**
Par exemple:
Pour sélectionner le numéro de préréglage 25, appuyez sur 2 et 5.
Pour sélectionner le numéro de préréglage 7, appuyez sur 0 et 7.

Pour supprimer une station préréglée

Sélectionnez le numéro de préréglage de la station que vous voulez supprimer. Appuyez ensuite sur la touche SET puis, dens les quatre secondes, une nouvelle fois sur la touche SET.
Les numéros de préréglage de toutes les stations de le gemme, supérieurs au numéro annulé diminuent d'une unité.

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Aspect Ratio	The ratio between the width and height of the TV picture on the screen. In a normal TV set the aspect ratio is 4 to 3 (4:3). The new aspect ratio in HDTV is 16:9 which resembles the aspect ratio in a movie theatre (Widescreen). New TV systems support both 4:3 and 16:9 aspect ratio and can automatically switch between them.
Audio Video (A/V)	A term often used when discussing a channel on a TV receiver or on video equipment, which has been especially designed to accept VCR audio-video signals. This channel automatically activates special circuitry within the TV set to prevent picture distortion and skewing. It is also used for audio-video processors, which handle both types of signals.
ATSC	ATSC: Advanced Television Systems Committee. Formed to establish technical standards for advanced television systems, including digital high definition television (HDTV).
CVBS	Composite Video Baseband Signal. In broadcast television this refers to the video signal, including the colour information and syncs.
Component Video Input (Y Pb Pr)	Component Video Input is a type of connection that uses a cinch-type connector to allow set top boxes or analog DVD players to connect a signal to the TV. By offering the cinch-type input (YPbPr) the primary colors, red, green and blue are connected from a set top box directly into the TV allowing for the signal to display on the screen.
DTV	Digital television. Generic term that refers to all digital television formats, including high-definition television (HDTV) and standard-definition television (SDTV).
DOLBY Digital	Dolby Digital - Six-channel digital audio standard that is part of the U.S. digital television standard; also called AC-3 or Digital 5.1. The channels consist of front left, front right, front center, surround or rear left, surround or rear right, and a separate subwoofer.
Digital Tuner	A digital tuner serves as the decoder required to receive and display digital broadcasts. It can be included inside TV sets or via a set-top box.
HDTV	The generally agreed upon definition of HDTV is approximately twice the vertical and horizontal picture resolution of today's NTSC TV, which essentially makes the picture twice as sharp. HDTV also has a screen ratio of 16:9 as compared with most of today's TV screens, which have a screen ratio of 4:3. HDTV offers reduced motion artifacts (i.e. ghosting, dot crawl), and offers 5.1 independent channels of CD-quality stereo surround sound, (also referred to as AC-3).
NTSC	National television system committee. The organization that developed the analog television standard currently in use in the U.S., Canada, and Japan. Now generally used to refer to that standard. The NTSC standard combines blue, red, and green signals modulated as an AM signal with an FM signal for audio.
Progressive Scan	In Progressive Scanning all the horizontal scan lines are scanned on to the screen at one time. The Digital TV and HDTV Standards accept both Interlaced Scan and Progressive Scan broadcast and display methods.
Resolution	Resolution: A measurement of the finest (smallest) detail that is visible in a video image. TV Resolutions may be expressed as number of pixels in an image; or more commonly, As Total Number of (horizontally scanned) Lines used to create the image. Standard Digital TV Resolutions: SDTV: 480i - The picture is 704x480 pixels, 480p - The picture is 704x480 pixels. HDTV: 720p - The picture is 1280x720 pixels, 1080i - The picture is 1920x1080 pixels.
SPDIF	SPDIF (Sony and Philips Digital Interconnect Format) is highly recommended for high quality digital sound output.

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SPECIFICATIONS

Performance

- MediaTek octa-core 1.33 GHz processor
- System memory:
  - 1 GB of RAM
  - 16 or 32 GB of flash memory

Google Android™ 5.1 (Lollipop) operating system

Display

- 8" IPS TFT-LCD capacitive multi-touch screen
- 1280 x 800 resolution

Multimedia

- Two built-in stereo speakers
- Built-in microphone

Supported formats

Type	Formats
Image	JPEG
Audio recording	AAC-LC, AMR-WB
Audio playback	AAC-LC, AAC, AAC+ (not raw AAC), AMR-NB, AMR-WB, MP3, OGG Vorbis, WAV
Video recording	H.264 BP, MPEG-4 SP, H.263 BP
Video playback	H.264 BP, H.264 MP, H.264 HP, MPEG-4 SP, H.263 BP

USB connector

- Micro USB port

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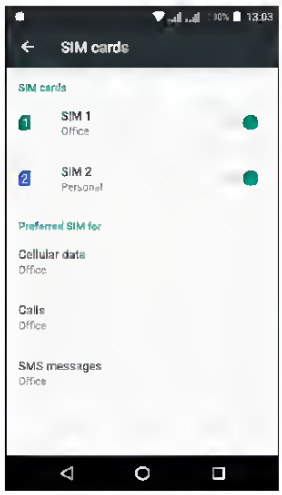
MANAGING YOUR SIM CARDS

Note
This chapter is for models with more than one SIM card.

SIM Management

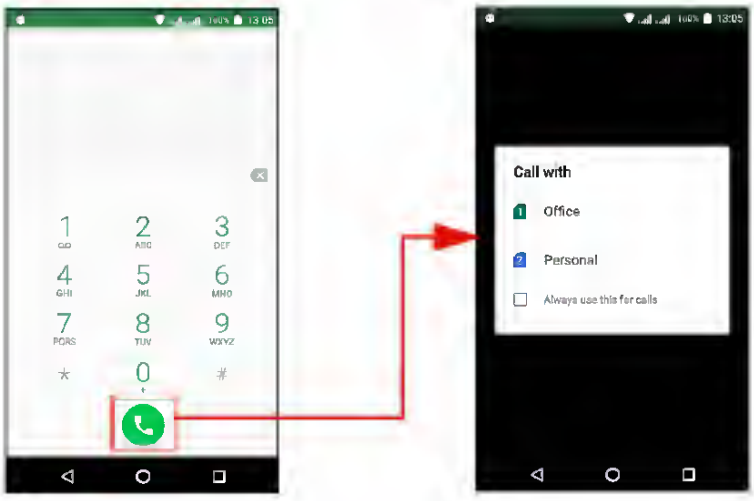
Open the *Apps list* and tap **Settings** > **SIM cards**. From this screen, you can:

1. Enable or disable each SIM.
2. Configure each SIM's name, phone number, display numbers, and assign a color to each SIM (allowing you to quickly and easily recognize which SIM is active).
3. Set the default SIM for *voice calls*, *data connection*, and *cellular service*.
4. General settings for each SIM.



Selecting which SIM to use when making a call

If you have set *Voice call* to **Always ask**, you will be asked which SIM to use each time you make call. Enter the number, then tap . A dialog opens; tap the SIM to use and the call will be connected.



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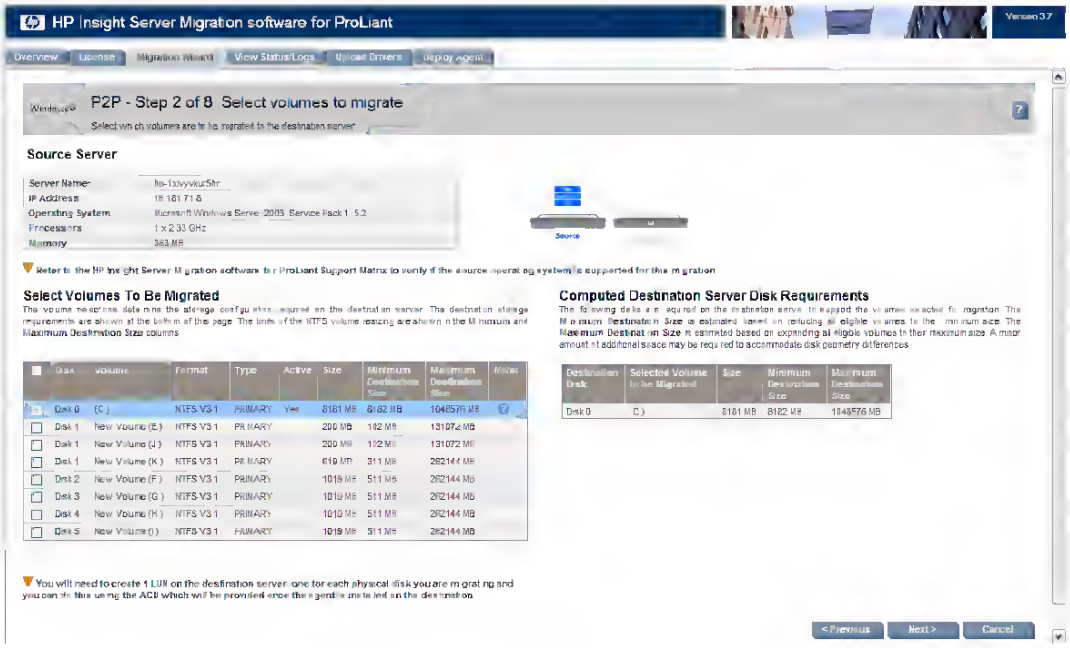
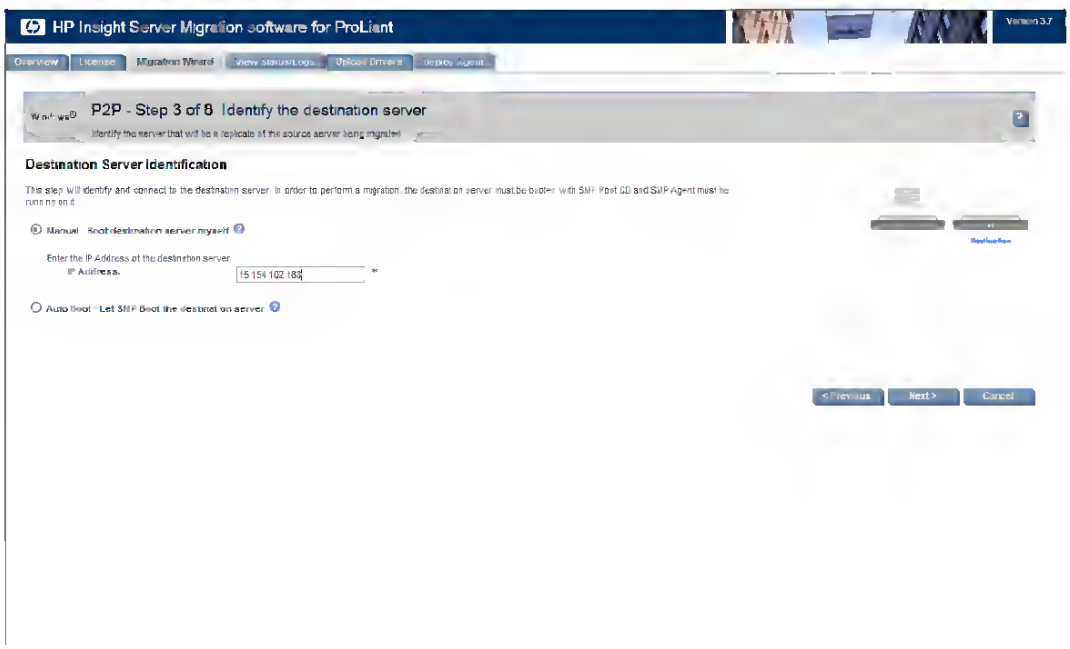


The **Computed Destination Server Disk Requirement** section lists the disks required on the destination server to support migrated volumes. The **Size**, **Minimum Destination Size**, and **Maximum Destination Size** values in the lower table are updated dynamically as volumes in the upper table are selected or cleared for migration. A message appears under the table, indicating the number of logical units that must be created on the destination server. The entry in the **Minimum Destination Size** column is estimated, based on reducing eligible volumes to their minimum size during migration. Additional space might be required to accommodate disk geometry differences.

5. Select how the destination server is booted:

   - **Manual - Boot destination server myself**—If the destination server is booted to the SMP Boot CD and the destination agent is launched, select this option.



   - **Auto Boot - Let SMP boot the destination server**—If the destination server is not booted to the SMP Boot CD and the destination agent is not launched, select this option.

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Settings Information Memo

Record your settings information. It will need when resetting or maintenance.

IP Video Intercom Adaptor registration

Item		Setting
IP Video Intercom Adaptor	IP Address (Static)	
	Connection Port	
	Connection Password	
	Web Port	
PC Application	PC Local (LAN) IP Address	
	Connection Port	
	Audio Port	
	Video Port	
	PC Public (WAN) IP Address	
	Connection Port	
	Audio Port	
	Video Port	

IP Video Intercom Adaptor Network Settings

Item	Setting
IP Address	
Subnet Mask	
Default Gateway	
Primary DNS	
Secondary DNS	
WAN / Global IP Address	
Connection Port	
Connection Password	
Audio Port	
Video Port	
Web Port	

PC unit settings

Item	Setting
IP Address	
Subnet Mask	
Default Gateway	
Primary DNS (Static)	
Secondary DNS (Static)	

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1 About On Demand

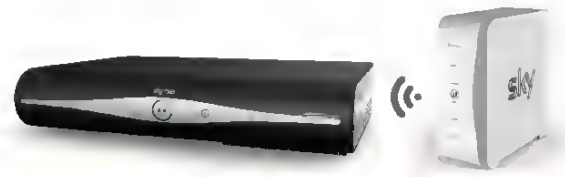
On Demand programmes are ready to watch whenever you are at no extra cost to your TV subscription

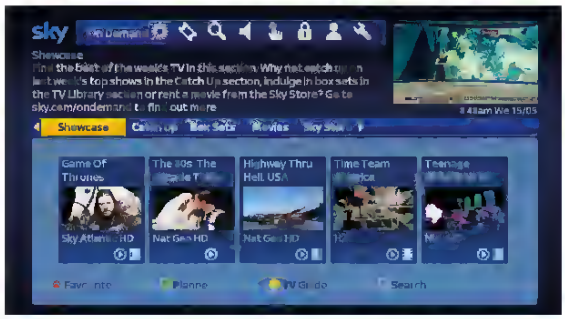
- Enjoy the UK's biggest Catch Up TV service, including Sky Channels, BBC iPlayer and 4oD
- TV Box Sets* of the latest and greatest series
- Hundreds of movies for Movies Pack customers
- Choose from over 1000 movies to rent straight from your sofa
- Plus documentaries, kids' shows and much more

If you haven't connected your box to broadband yet, you'll only be able to take your pick from a limited selection of the week's best TV On Demand. So to get the full On Demand service, including access to Catch Up TV, just connect your Sky+HD box to your broadband router. Content depends on your Sky TV subscription.

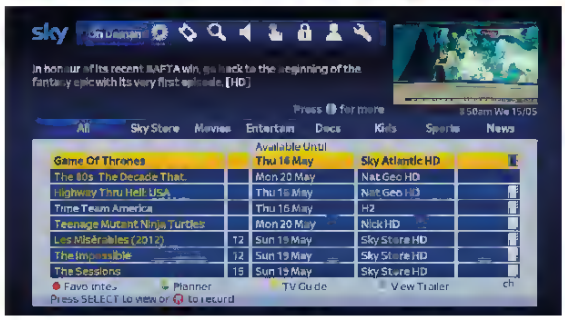
If your Sky+HD box has built-in Wi-Fi connectivity (DRX890W and DRX895W models only) then you can connect it directly to your broadband router via Wi-Fi. **See Connecting your Sky+HD box to your broadband router (page 18)** for more information on how to do this.

You can also connect your Sky+HD box to your broadband router using an Ethernet cable or On Demand Connector. Visit **sky.com/ondemand** for more information on how to connect.





On Demand - when your box is connected to broadband



On Demand - when your box isn't connected to broadband

*When subscribing to Entertainment Extra+ or the £10.25 HD Pack.

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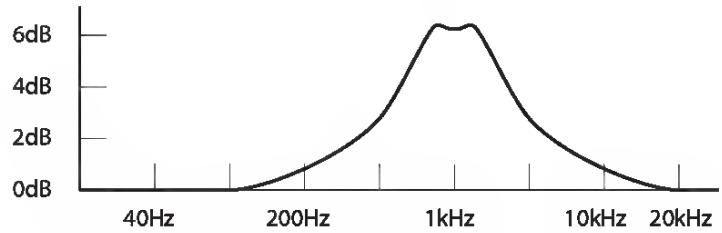
Multi-band application and results

So far we have only dealt with cutting or boosting single frequency bands. The differences between the constant Q and variable Q methods become more "graphic," if you will, when adjacent frequency bands are involved.

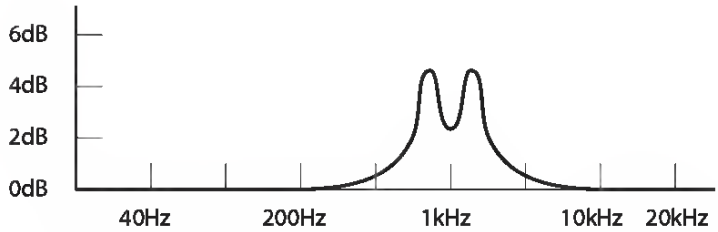
In this example, three adjacent bands are used. They have settings of + 6 dB, 0 dB, and + 6 dB, respectively:



Variable Q: Adjacent bands at +6, 0, and +6dB

You can see how the 0 dB setting on the variable Q equalizer merely serves to round off the top of the curve; in actuality, this translates into a boost in the range of frequencies under that band's control. You would have to cut the gain on that band significantly to reduce the unintended consequences of boosting the other two frequency ranges.

The constant Q equalizer, on the other hand, has more precise control over each of the frequency bands. As you can see in this example, the effect on the center band is significantly lower:



Constant Q: Adjacent bands at +6, 0, and +6dB

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4. Using Synchronous vs. Asynchronous Mode

ACSE/Presentation supports both synchronous and asynchronous mode execution of calls. In synchronous mode, an ACSE/Presentation call blocks until the call can be completed. While blocked, no other tasks can be performed. Synchronous mode is the default.

In asynchronous mode, an ACSE/Presentation call is not blocked (except under kernel resource shortages). The function completes as much of its task as it can, then returns to the user.

Synchronous Mode

Synchronous mode is useful for processes maintaining a single connection, and for processes that can wait for events to occur.

When synchronous mode is used, ap_snd() blocks until resources are available to send the entire primitive. Similarly, ap_rcv() blocks until either an entire primitive is received, or the user buffer is filled by the library. In the latter case, ap_rcv() returns with the AP_MORE bit set in the flags argument. To receive the remaining data, the application must continue to call ap_rcv() until it returns with the AP_MORE bit reset.

Asynchronous Mode

Asynchronous mode is used for applications in which long delays are expected between events, and for processes that can perform other tasks while waiting for events to happen. Asynchronous mode is also useful for managing multiple connections concurrently.

Asynchronous mode is specified in ap_open() by setting the O_NDELAY bit in the oflags parameter. When used asynchronously, ap_snd() and ap_rcv() do not block in most cases.

If there are insufficient resources from OTS to send the entire primitive for an ap_snd(), a partial send can occur. A return code of -1 is received and ap_errno is set to AP_AGAIN. To complete sending the primitive, ap_snd() must be invoked again with the same set of buffers and arguments until the call returns successfully.

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4. Side key buttons issue

NO.	Issue Description	Cause	Solution
1	Side key button has no response	Side key FPC's connection has defects	replace FPC
		Side key button has defects	1.replace the battery cover 2.replace side key FPC

1. Check the side key button's touching, if it is assembled in place.

2. Check if the side key FPC are flexible, if the FPC is inserted in place.
3. Check if the power key FPC is welded well.
4. Check if the side key FPC isn't well connected or breaks; replace it if bad.
5. Check and repair MB

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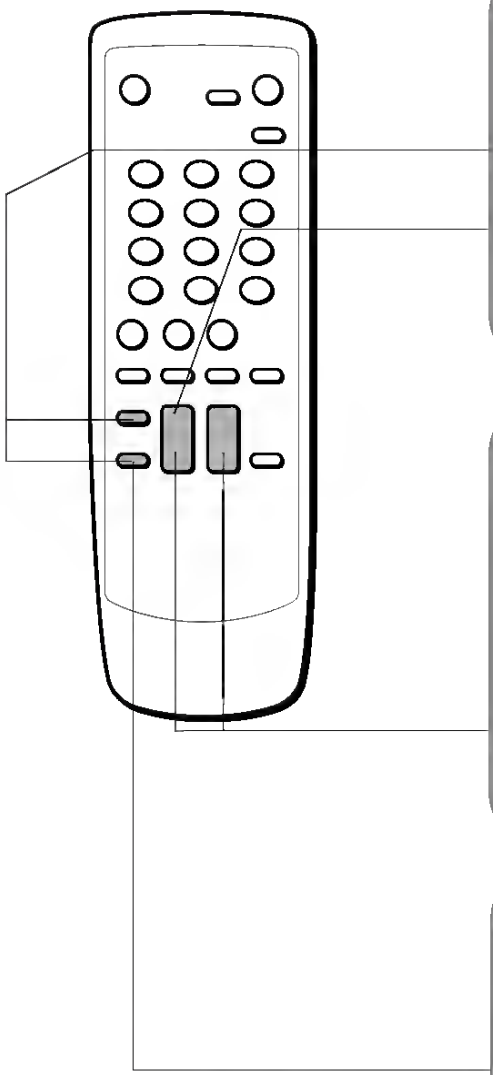
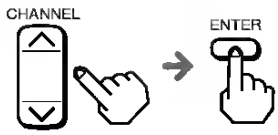
4 Préréglage des chaînes de télévision

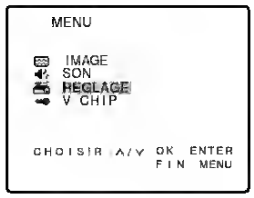
Avant de commencer
Assurez-vous que le téléviseur est en mode TV.



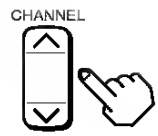
1

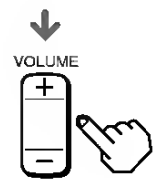


Appuyez sur **MENU**. Appuyez ensuite sur **CHANNEL** ∧ ou ∨ pour sélectionner REGLAGE et appuyez ensuite sur **ENTER**.



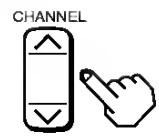
2





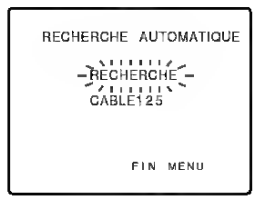
Appuyez sur **CHANNEL** ∧ ou ∨ pour sélectionner ANTENNE et appuyez ensuite sur **VOLUME** + ou − pour sélectionner TV ou CABLE.

3



Appuyez sur **CHANNEL** ∧ ou ∨ pour sélectionner RECHERCHE AUTOMATIQUE et appuyez ensuite sur **ENTER**.

Toutes les chaînes captables sont explorées.
Après le balayage des chaînes, la première chaîne localisée apparaît sur l'écran du téléviseur.



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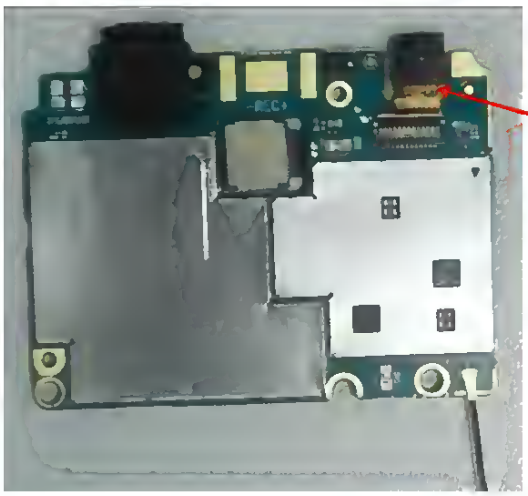
7. Front camera issue

NO.	Issue Description	Cause	Solution
1	Camera not prepared, not working/No function	Front camera FPC isn't well assembled	re-assemble
		Front camera is defective	Replace the camera
		MB is damaged	Repair MB
2	Cannot start the front camera	Front camera is defective	Replace the camera
3	Image fault	Front camera FPC isn't well assembled	re-assemble
		Front camera is defective	Replace the camera
		MB is damaged	Repair MB



1. Check if the camera FPC is assembled in place or breaks.
2. Use fixture or good MB to test the camera quality.
3. Check and repair MB.

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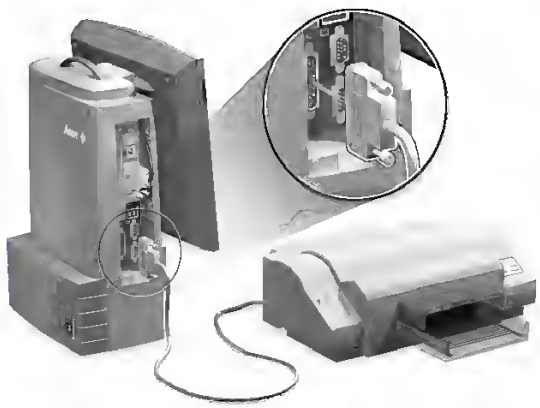
verfpi-0.book Page 50 Thursday, October 19, 2000 1:51 PM

Connecting a parallel printer

Your computer supports both serial and parallel printers.

To connect a parallel printer, plug the printer cable into the parallel port (burgundy port) located on the left panel of your computer.



To connect a serial printer, plug the printer cable into the serial port (teal or turquoise port) located on the left panel of your computer. See "Left panel" on page 14 for the location of the serial port.

AT UNIT (X57-1130-00)

PARTS NO.	NOTE	NAME & DESCRIPTION		QTY	REFERENCE NO.
CC45CH2M270J		CERAMIC	27P 500V	1	C 13
CE04WQJ101M		ELECTRO	100 6.3V	2	C 206,208
CE04W1A101M		ELECTRO	100 10V	1	C 203
CE04W1C100M		ELECTRO	10 16V	4	C 108,111,112,224
CE04W1C101M		ELECTRO	100 16V	3	C 204,205,207
CE04W1C470M		ELECTRO	47 16V	1	C 116
CE04W1HR33M		ELECTRO	0.33 50V	1	C 217
CE04W1HR1M		ELECTRO	0.1 50V	1	C 220
CE04W1H010M		ELECTRO	1 50V	3	C 114,212,216
CE04W1H100M		ELECTRO	10 50V	2	C 1, 3
CQ92FM1H103K		MYLAR	0.01 50V	4	C 210,215,219,222
CQ92FM1H104K		MYLAR	0.1 50V	1	C 223
CQ92FM1M473K		MYLAR	0.047 50V	1	C 218
CQ92M1H333K		MYLAR	0.033 50V	1	C 214
CQ92M1H473K		MYLAR	0.047 50V	1	C 115
C02-0022-05		VARIABLE CAP.	300P 1.2KV	2	VC 1, 2
C05-0324-05		TRIMMER	60P	1	TC 101
C90-0840-05		ELECTRO	10 16V	1	C 117
C90-2015-05		ELECTRO	330 25V	1	C 209
C91-0456-05		CERAMIC	0.047 25V	2	C 12,107
				2	105,119
DTC114ES	*	DIGITAL TR	NPN	1	Q 7
DTC124ES		DIGITAL TR	NPN	12	Q 9, 10, 11, 12, 13,116,122,124,125,126 202,203
D40-0623-25		MECHANISM ASS'Y	1/200		
D40-0624-25		MECHANISM ASS'Y	1/300		
D40-0625-15		MECHANISM ASS'Y		1	
E04-0157-05	*	RF COAX. CABLE RECEPTACLE		3	
E40-0273-05	*	MINI CONNECTOR	2P	6	
E40-0373-05	*	MINI CONNECTOR	3P	3	
E40-0473-05	*	MINI CONNECTOR	4P	5	
E40-0573-05	*	MINI CONNECTOR	5P	3	
F20-0078-05		INSULATING PLATE		1	
F29-0014-05		INSULATING WASHER	FOR TRANSISTOR	1	
MD10116		ECL IC	DIFF' AMP X3	1	IC 101
MD10125		ECL IC	LEVEL CONVT X4	1	IC 103
MD10131		ECL IC	D FLIP-FLOP X2	1	IC 102
J31-0502-04	*	COLLAR	PC BOARD	8	
J42-0428-05	*	BUSHING	PC BOARD	8	
LT8001P		LED	RED	4	D 219,201,202,210
L34-2250-05	N	TUNING COIL A		1	L 1
L34-2251-05	N	TUNING COIL B		1	L 2
L34-2252-05	N	TUNING COIL C		1	L 3
L34-2253-05	N	TUNING COIL D		1	L 4
L39-0413-15		DETECTOR COIL A		1	L 102
L39-0414-05		DETECTOR COIL B		1	L 103
L40-1011-04		INDUCTOR	180 UH	1	L 5
L40-1011-12		INDUCTOR	100 UH	9	L 103,104,105,109,110,201,202,203,204
L40-1011-13		INDUCTOR	100 UH	1	L 106
L40-1011-14		INDUCTOR	100 UH	2	L 107,108

PARTS NO.	NOTE	NAME & DESCRIPTION		QTY	REFERENCE NO.
MC10116L		ECL IC	DEFF' AMP X3	1	IC 101
MC10125L		ECL IC	LEVEL CONVT X4	1	IC 103
MC10131L		ECL IC	D FLIP-FLOP X2	1	IC 102
MC14077BCP		C.MOS IC	2INP' EX NOR X4	1	IC 208
MTZ10J(A,B)		ZENER DIODE	10 V	5	D 11, 12, 13, 14,207
MTZ11JC		ZENER DIODE	11 V	1	D 211
MTZ16J(A,B)		ZENER DIODE	16 V	1	D 27
MTZ20J		ZENER DIODE	20 V	1	D 115
MTZ5.6JB		ZENER DIODE	5.6V	1	D 10
NE555P		TIMER IC		1	IC 106
NE556N	N	TIMER IC	DUAL	1	IC 204
NJM2901		LINER IC	QUADRUPLE	1	IC 104
NJM2904D		LINER IC	DUAL	1	IC 105
N10-2030-46		NUT,TR	M3	2	
RC05GF2M101J		RES. SOLID	100 OHM 1/2W	2	R 101,102
RC05GF2H821J		RES. SOLID	820 OHM 1/2W	1	R 9
RS14GB3D330J		METAL FILM	33 OHM 2W	3	R 221,222,223
R12-2410-05		TRIM.POT.	5K OHM	1	VR 102
R12-3434-05		TRIM.POT.	10K OHM	1	VR 101
R90-0515-05		RESISTOR BLOCK	10K OHM X4	1	RB 1
R90-0560-05		CAP.BLOCK	0.022 X5	1	IB 1
R90-0561-05		RESISTOR BLOCK	22K OHM X6	1	RB 2
R90-0570-05		DIODE BLOCK		2	IB 101,102
R90-0592-05	N	RESISTOR BLOCK	4.7KOHM X6	1	RB 3
SN74LS143N		TTL IC: SCD	DECIMAL DECODER	1	IC 1
S51-1424-05		RELAY	DS-1 24V	7	RL 1, 2, 3, 4, 5, 5, 6, 8
S51-2411-05		RELAY	321D024	1	RL 101
S51-2414-05		RELAY	FBR244D012	1	RL 7
TC4001BP		C.MOS IC		1	IC 207
TC4011BP		C.MOS IC	2-INPUT NAND X4	1	IC 206
TC4027BP		C-MOS IC	JK FLIP-FLOP X2	1	IC 205
T42-0303-05		MOTOR		2	M 1, 2
UPC78L08A		AVR IC	8 V	1	IC 202
UPC7805P		AVR IC	5 V	1	IC 201
UPC7812H		AVR IC	12V	1	IC 203
1N4448		DIODE		9	D 1, 2, 3, 4, 5, 6, 7, 8,112
1N60		DIODE		2	D 101,102
1SS133		DIODE		29	D 9, 15, 16, 17, 18, 19, 20, 21, 22, 23 24, 25, 26,107,108,109,110,111,113,114 116,117,118,203,204,205,206,208,209
1SS99		DIODE		4	D 103,104,105,106
1S1555		DIODE			D 1, 2, 3, 4, 5, 6, 7, 8,112
2SA1015(Y)		TR		7	Q 1, 2, 3, 4, 5, 6,201
2SA1048(Y)		TR		3	Q 101,102,123
2SA950(Y)		TR		4	Q 108,109,110,115
2SA966(Q)		TR		1	Q 118
2SA984K(E)		TR		1	Q 119
2SC2120(Y)		TR		4	Q 105,106,112,113
2SC2458(Y)		TR		8	Q 104,107,109,111,114,117,120,121

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4.10.2 Ethernet configuration

The CPC-2245N is equipped with a high performance 32-bit PCI-bus Fast Ethernet interface that are fully compliant with IEEE 802.3u 10/100Base-T specifications. Ethernet connector is a RJ-45 jack. User can follow a transfer table to connect Ethernet signals to a standard RJ-45 connector.

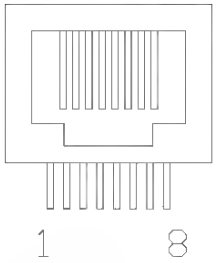

Table 4-13: Ethernet configuration

RJ-45 Pin	Signal	CN4 Pin	Signal	RJ-45 Pin	Signal	CN4 Pin	Signal
1	TD+	36	TPT+	2	TD -	35	TPT-
3	RD+	39	TPR+	4	NC	-	-
5	NC	-	-	6	RD-	38	TPR-
7	NC	-	-	8	NC	-	-

4.10.3 Keyboard and PS/2 mouse connector

The CPC-2245N provides a keyboard and PS2 mouse interface through a 40-pin FPC connector (CN4) for connection of PS/2 keyboard and PS/2 mouse.

In most cases, especially in embedded applications, a keyboard is not used. The standard PC/AT BIOS will report an error or fail during power-on self-test (POST) after a reset if the keyboard is not present. The CPC-2245N's BIOS "Standard CMOS Features" allows you to select "Halt on" under the "All, but keyboard" or "All, but disk/key" selection. This allows no-keyboard operation in embedded system applications without the system halting under POST (power on self test).

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Slovníček termínů

Signály RGB:

Jedná se o tři videosignály (červený, zelený, modrý), které přímo řídí tři děla (červené, zelené, modré) katodové trubice.Užívání těchto signálů umožňuje získat lepší kvalitu obrazu.

Zvuk NICAM:

Postup umožňující přenos zvuku v digitální podobě.

Systém:

Televizní signál není vysílán ve všech zemích stejné. Existují různé normy: BG, DK, I a LL'.
Volit mezi těmito různými normami umožňuje nastavení TV SYSTÉM (str.6). Což je něco jiného než systém kódování barev PAL, SECAM a NTSC. Pal je používán ve většině zemí Evropy, Secam ve Francii, v Rusku a ve většině zemí Afriky.

Bezpečnostní informace: Elektrická, magnetická a elektromagnetická pole ("EMF")

1. Společnost Philips Royal Electronics vyrábí a prodává celou řadu produktů spotřební elektroniky, které, jako každé elektronické zařízení, dokáží ve své podstatě vysílat a přijímat elektromagnetické signály.
2. Jedním z hlavních obchodních principů společnosti Philips je dodržovat veškerá nezbytná zdravotní a bezpečnostní opatření tak, aby naše produkty splňovaly veškeré platné legislativní požadavky a zůstávaly zcela v rámci norem EMF platných v době výroby.
3. Cílem společnosti Philips je vyvíjet, vyrábět a prodávat produkty, které nemají žádné negativní dopady na lidské zdraví.
4. Společnost Philips zaručuje, že pokud jsou její produkty používány správně k určenému účelu, je jejich používání podle současných vědeckých poznatků bezpečné.
5. Vzhledem k tomu, že se společnost Philips aktivně podílí na rozvoji mezinárodních norem EMF a bezpečnostních norem, dokáže předvídat další vývoj norem a rychle integrovat nové normy do svých produktů.

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System Board Switches

Table 4-2 defines the System Configuration setting switches, ㉛ in Figure 4-2, on the system board. The Open (OFF) position is the default configuration for each switch.

Table 4-2
System Configuration Setting Switches

Switch	Open (Off) Position	Closed (On) Position
1 Video	Enable integrated video	Disable integrated video
2 Lock Configuration	Configuration can be changed	Configuration can not be changed
3 Rack-Mount	System is tower configuration	System is rack-mount configuration
4 Diskette Override	Diskette boot is controlled by configuration	Diskette is enabled for booting regardless of configuration
5 Password Enable	Power on password is enabled	Power on password is disabled
6 Maintenance*	NV RAM is valid	NV RAM is invalidated, configuration is lost

* See the *ProLiant 3000 Service and Maintenance Guide* for information on the use of this switch.

Writer: Cheri Stewart Project: Compaq ProLiant 3000 Servers Setup and Installation Guide Comments: 179776-002
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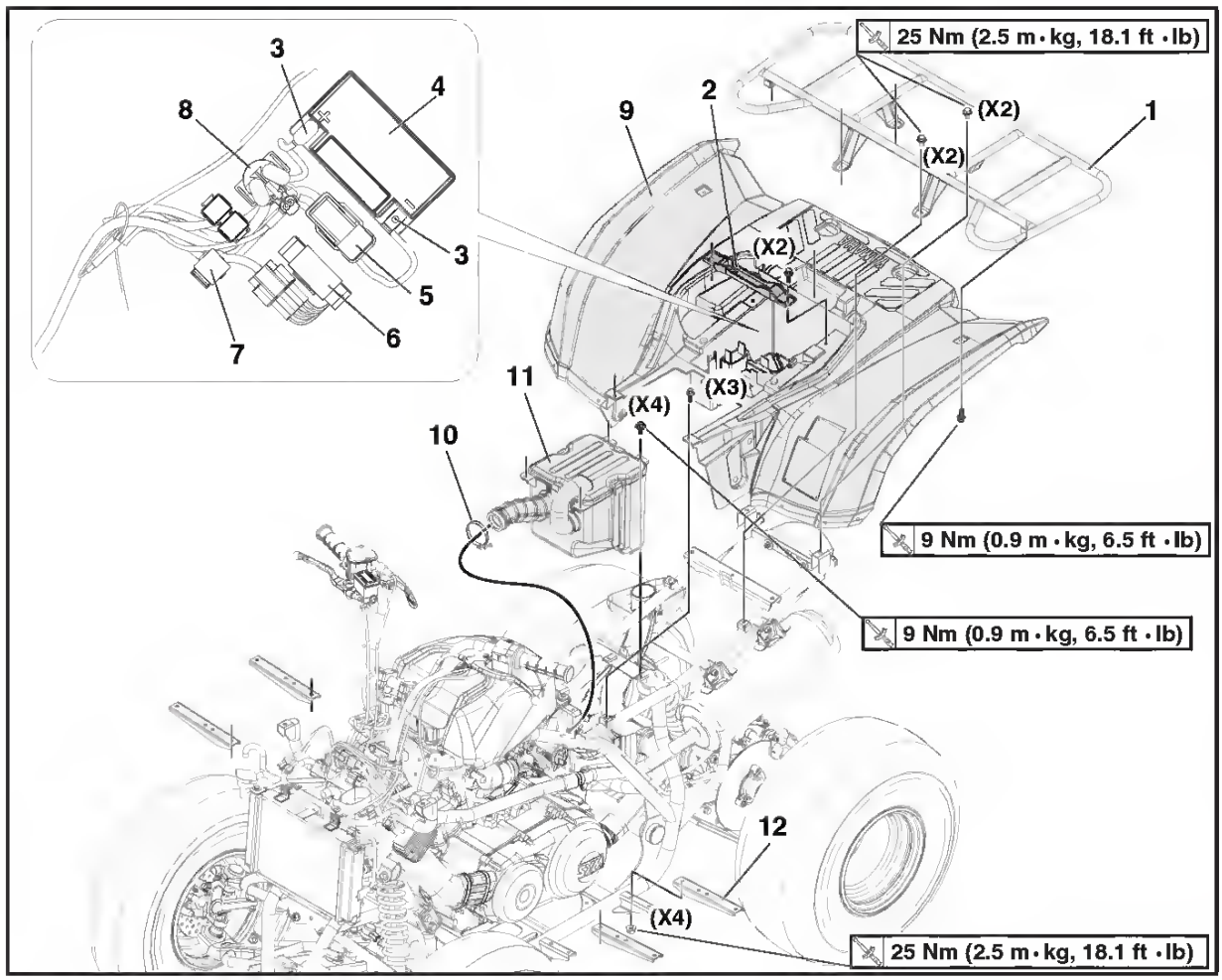
REAR FENDER AND AIR FILLTER CASE



Order	Job/Part	Q'ty	Remarks
10	Clamp	1	Loosen.
11	Air filter case	1	
12	Footrest bar	4	
			For installation, reverse the removal procedure.

LEDs

Several status LEDs and buttons are located on the front and back of the server. Problem diagnosis is aided by the LEDs that indicate the status of the components and operations of the server. LEDs are also located on the system board. The following server LEDs and buttons are explained in this section

- Power button
- System status LEDs (on the front of the server)
  - Power On/Standby and AC power status
  - Network Interface Controller (NIC) activity
  - External health
  - Internal health
  - Unit Identification
- Unit Identification (UID) button
- System board LEDs
  - Processor failure
  - Processor Power Module (PPM) failure
  - Memory failure
  - Thermal failure
  - Fan failure
- Hot-plug hard drive LEDs
- Network Interface Controller LEDs (on the back of the server)
  - Network activity status
  - Network link
  - Connection speed

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Appendix H. RFC1483 Quick Start (Bridging)

The TA 544 allows for complete integration of voice and data delivery from one compact platform. Once you have completed the voice turn up procedure from the previous example, adding data to the circuit requires some additional setup.

To configure a TA 544 for Bridging, you need to know the VPI and VCI values for the data circuit on your network.

Bridging	
Step	**Action**
1	From the TA 544 main menu, select the **WAN** menu. (Here you set up the ATM network.)
2	Select the **ATM CONFIG** menu.
3	Enter the **IDLE CELLS** format for your network.
4	Set **DATA SCRAMBLING** appropriately for your network.
5	Back all the way out to the top level TA 544 menu, and then select the **ROUTER** menu.
6	Enter the **CONFIGURATION** menu. From this menu, you will set up addresses for your LAN and WAN. For basic IP routing, use all the default values from the **GLOBAL** menu.
7	From the **ETHERNET** menu, enter the **IP** menu to enter your LAN configuration.
8	Enter your LAN **IP ADDRESS** and **SUBNET MASK**. For this example, the **IP ADDRESS** is 192.168.1.2 and the **SUBNET MASK** is 255.255.255.0. This is not required, but will allow Telnet configuration and TFTP upgrades from the LAN.
9	Arrow back to the main **ROUTER CONFIGURATION** menu, and select the **WAN** menu and then the **ATM** menu. (Here you will enter your data PVC information.)
10	Create a new PVC by entering the menu. Enter your VPI and VCI values.
11	Disable IP on the **RFC1483 IP** menu and enable Bridging on the **RFC1483 BRIDGE** menu. (This enables the TA 544 as a bridge.)
12	Arrow back to the top level TA 544 menu to activate your changes. All packets that come in on the Ethernet will be forwarded on the WAN.

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TEHNIČKE KARAKTERISTIKE

LCD zaslon	Sustav	TFT LCD u boji
	Veličina	23" (Š)
	Dmjer piksela	0.265mm (V) x 0.265 mm(D)
	Svjetlina	300 cd/m^2 (uobičajeno)
	Kontrast	100000:1 Maks. (ACM)
	Kut vidljivosti	160° (V) 160° (D) (CR=10) / 176° (V) 176° (D) (CR=5)
	Vrijeme odziva	2 ms
	Vrsta zaslona	TN
	Video	R, G, B analogno sučelje
	Horiz. frekvencija	54.2 KHz – 83.8 KHz
	Okom. frekvencija	49 - 75 Hz
Boje		16,7 milijuna boja (6 bita + Hi-FRC)
Takt		165MHz
Maks. razlučivost		1920 x 1080 @60Hz
Plug & Play		VESA DDCCI/DDC2B
ENERGY STAR	Uključeno	34 W (typ.)
	Moda stanja mirovanja	1.2 W (typ.)
	Isključeno/U mirovanju	0.9 W (typ.)
Ulazni konektor		D-Sub
		DVI-D 24-pinski (samo za modele s dvostrukim ulazom)
		HDMI 19-pinski (samo za modele s HDMI ulazom)
Ulazni videosignal		Analogni: 0,7 Vp-p (standard), 75 oma, pozitivno
		Digitalni signal
		HDMI signal
Maksimalna veličina zaslona		Vodoravno: 509.76 mm / Okomito: 286.74 mm
Napajanje		100~240 V AC, 50/60 Hz
Uvjeti okruženja		Radna temperatura: 0 °C do 40 °C Temp. pohrane: -20 °C do 60 °C Radna vlažnost: 20% do 85%
MTBF		50000 sati
Dimenzije		569.9 (Š) x 409.55(V) x 180 (D) mm
Težina (neto)		5.12 kg (neto)
Karakteristike mehanizma		Nagib: -5° do +15° Zakretanje: nema Ugađanje visine: nema Rotiranje: nema Odvojivo postolje: da (pomoću gumba za otpuštanje)
Vanjske kontrole	Prekidači / tipke	Tipka za uklj. / isklj. — Autom. / Izlaz IZBORNIK / ENTER — E (Empowering) tipka — Tipka Input
	Funkcije	Kontrast — Autom. Konfiguracija Svjetlina — Široki zaslon (puni zaslon / omjer veličine slike) Fokus Takt — ACM uklj. / isklj. (Toplo) boja — Odabir ulaznog signala (Hladno) boja — DDCCI uklj. / isklj. RGB temperatura boja — Podaci o prikazu Jezik — Ponovno postavljanje Istek vremena — Izlaz
* Pridržano je pravo izmjene svih tehničkih karakteristika bez prethodne najave.		
Podržani standardi		

ADM (Acer_eDisplay_Management)

Opis značajki i upute za rad potražite u odjeljku Pomoći za ADM softver u priručniku na CD -u (Windows 98SE/ME/NT 4.0/2000/XP/Vista).

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USB LEGACY MODE

This function, when enabled, lets you use a USB keyboard in DOS. Set this to `Disabled` to deactivate the USB keyboard function in DOS.

SMBus Interrupt (IRQ9)

The System Management Bus (SMBus) is used for controlling and getting information from devices on a motherboard. It was designed for hybrid devices based on analog semiconductor technologies and with limited digital capabilities. This parameter allows you to enable or disable this feature.

Onboard Ethernet Chip

This parameter allows you to enable or disable the onboard network feature.

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Audio Back Panel Connectors

AUDIO1A (MIC)

Pin	Signal Name
1	GND_AUDIO
2	A_MIC1_L
3	A_MIC1_JD
4	GND_AUDIO
5	A_MIC1_R

AUDIO1B (Line in)

Pin	Signal Name
31	GND_AUDIO
32	A_LOUT_L
33	A_LOUT_JD
34	GND_AUDIO
35	A_LOUT_R

AUDIO1C (Line out)

Pin	Signal Name
21	GND_AUDIO
22	A_LINE1_L
23	A_LINE1_JD
24	GND_AUDIO
25	A_LINE1_R

IDE / SATA

40-pin (2x20) IDE Headers

Pin	Signal Name	Pin	Signal Name
1	IDERST	2	Ground
3	PIDE_D7	4	PIDE_D8
5	PIDE_D 6	6	PIDE_D 9
7	PIDE_D 5	8	PIDE_D 10
9	PIDE_D 4	10	PIDE_D 11
11	PIDE_D 3	12	PIDE_D 12
13	PIDE_D 2	14	PIDE_D 13
15	PIDE_D 1	16	PIDE_D 14
17	PIDE_D 0	18	PIDE_D 15
19	Ground	20	Key
21	PIDE_DREQ	22	Ground
23	PIDE_IOWJ	24	Ground
25	PIDE_IORJ	26	Ground
27	PIDE_RDY	28	Ground
29	PIDE_PACKJ	30	Ground
31	PIDE_IRQ	32	N/C

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Après synchronisation, l'affichage indique "BEAT OUT" si la synchronisation se déverrouille, puis l'appareil essaie de nouveau de se synchroniser.

Quand BEAT OUT est affiché, le niveau du rythme est automatiquement réduit à "1", et le niveau préréglé est rétabli quand il y a de nouveau synchronisation.

REMARQUE

La fonction BEAT peut être utilisée avec la fonction SPICE A/B, aussi bien qu'avec la fonction FILL IN. (Voir ci-après la description de ces fonctions.) Par contre, on ne peut pas utiliser la fonction AUTO SPICE en même temps que la fonction BEAT.

Utilisation de la fonction FILL IN

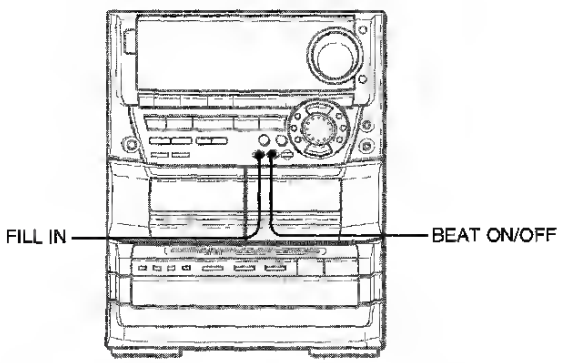
La fonction FILL IN s'utilise avec la fonction BEAT pour introduire une variation du type de rythme courant.

La commutation de double fonction AUTO SPICE/FILL IN remplace la fonction FILL IN quand la fonction BEAT est mise en service.

REMARQUE

- La fonction AUTO SPICE n'est pas disponible en même temps que la fonction FILL IN.
- La fonction FILL IN n'est pas disponible quand on fait une copie de cassette avec les deux platines à l'aide de **SYNC DUB**.

Pour utiliser la fonction FILL IN



Pendant la lecture avec la fonction BEAT en service, appuyer sur **FILL IN** au moment souhaité.

L'affichage indique "FILL IN" puis, quand le cycle courant de type de rythme est terminé, un son de courte durée différent de ce type de rythme est audible. Ce son dépend des types de rythme. Si on veut, on peut essayer de changer le type de rythme. (La sélection d'un type de rythme est expliquée plus haut, sous le titre correspondant.)

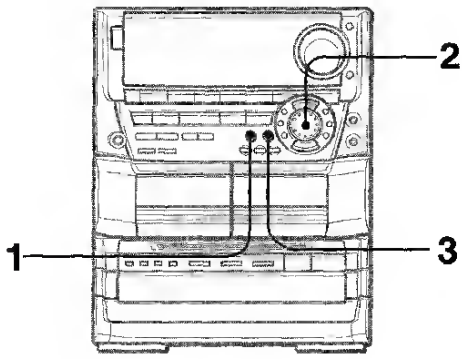
UTILISATION DE LA FONCTION SPICE

SON

Fonction SPICE A/B

La fonction SPICE A/B permet d'ajouter des percussions à la source de musique et de créer ainsi ses propres sons originaux. Les sons créés avec la fonction SPICE A/B peuvent être enregistrés sur cassette si on le souhaite.

Pour sélectionner des sons



1 **Appuyer sur A.**
Le son courant mémorisé en A est audible.

2 **Dans les quatre secondes, tourner MULTI JOG vers la gauche ou la droite jusqu'à ce que l'on trouve le son souhaité.**
Comme l'affichage change, le son correspondant est audible.

3 **D'une façon similaire, sélectionner un son pour B.**

Utilisation de la fonction

Une fois que l'on est satisfait de la sélection sonore, laisser démarrer la musique, et appuyer fugitivement sur **SPICE A** ou **B** en synchronisation avec la musique comme si l'on jouait d'instruments à percussion.

F

REMARQUE

On ne peut pas utiliser la fonction SPICE A/B quand on fait une copie de cassette avec les deux platines à l'aide de **SYNC DUB**.

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4. Insert the new hot-plug SCSI hard drive ❶. Push the drive into the slot and lock the drive in place with the drive lever ❷.

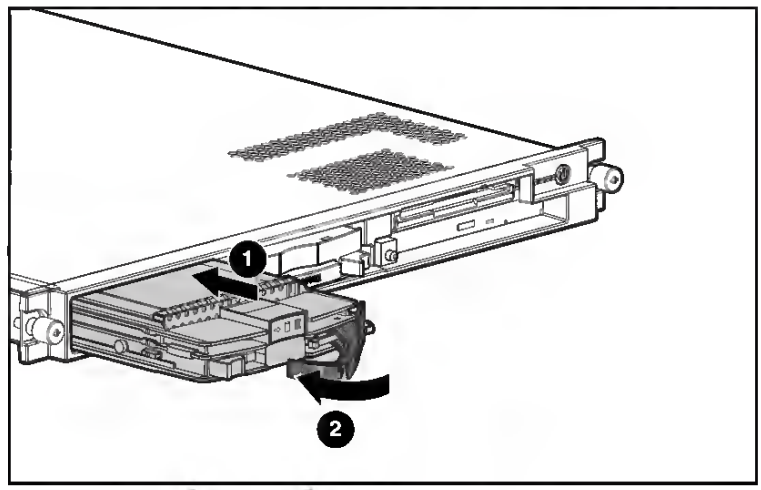

Figure 3-35. Installing a new Wide Ultra3 SCSI hard drive

5. If a drive has been replaced, restore data to the server from a backup.
6. Resume normal server operations.

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SELECTIONNER UN POINT D'INTERET

Pressez le bouton **Go To...** a partir du menu principal et puis pressez le bouton ***Point of Interest*** L'écran « Point ot Interest » sera affiche

L Etat ou la Province sélectionné auparavant est automatiquement sélectionné pour une recherche POI Pressez le bouton Etat ou Province pour selectionner un Etat ou une Province different Voir « Etat ou Province » a la page 64

Chercher un POI spécifique

Pour réduire votre liste des resultats de recherche POI, vous pouvez entrer une **C**atégorie POI, Ville et/ou Nom Entrer une **C**atégorie, Ville ou nom du POI est facultatif

Categorie

1. Sur l'écran « Point ot Interest » pressez le bouton **Category** pour voir une liste des categories possibles

- Pressez les boutons tléches bleues Λ / **V** ou bien utiliser la barre de defilement pour naviguer la liste

- Utilisez les boutons / pour vous deplacer à travers la liste page par page

2. **C**liquez sur un article sur la liste pour selectionner une categorie OU pressez le bouton pour acceder au clavier et entrez une categorie directement

Ville

1. Pressez le bouton **City** pour entrer la ville dans laquelle vous voudriez trouver un point d'interêt
2. **C**ommencez à taper le nom de la ville Le logiciel de navigation utilisera sa tonction regarder en avant et n'offrira des caracteres que pour des villes existantes au tur et a mesure que vous tapez Lorsqu'une ville est reconnue comme etant la seule choix possible en tonction des caracteres que vous avez entres, le nom de la ville apparaîtra en haut de l'ecran
3. Pressez le bouton pour selectionner une Ville et revenir au menu « Point ot Interest »

Nom

Pour récupérer une liste tres specitique des destinations POI, vous pouvez entrer une partie ou tout le nom du POI directement Veuillez noter que l'écran Name vous permettra d entrer tout POI possible, mais le systeme va retourner le message « No POI tound » si le nom selectionne ne fait pas partie de la categorie ou la ville selectionnee

A NOTER : Puisque l'information sur le business change regulierement, toutes les categories POI ne sont pas disponible dans toutes les regions et certains POIs peut ne pas être lises pour toutes les categories En outre, le rayon de recherche peut être restreint pour minimiser le temps de recherche.

POUR COMMENCER LA NAVIGATION :

Apres avoir entre les parametres de rechercher pour POI desire, executez les étapes suivantes pour naviguer au POI choisi

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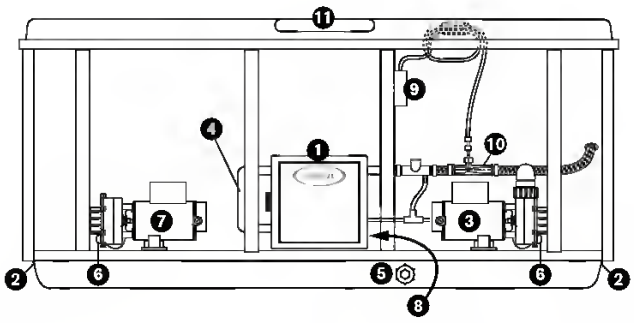


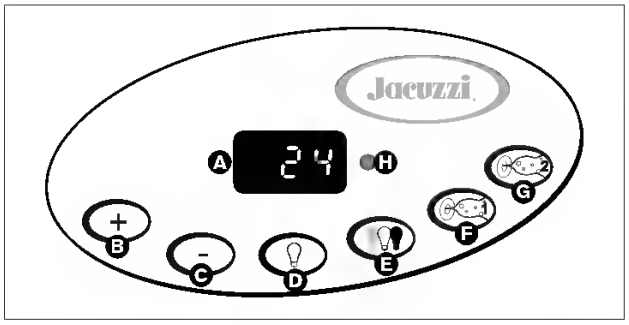
1 Caja de Control
2 Entrada(s) de Suministro de Energía
3 Bomba de dos Velocidades Núm.1
4 Calentador
5 Válvula de Vaciado de la Minipiscina
6 Toma(s) de Bombas de Vaciado
7 Bomba de una Velocidad Núm. 2
8 Bomba de Circulación
9 Ozonizador (optional)
10 Inyector (optional, Necesario para el uso del Ozonizador)
11 Pantalla

N.B.: *cubra siempre la minipiscina* **(excepto durante la mezcla de los aditivos químicos)** *con la cubierta aislante, para reducir los tiempos de calentamiento y minimizar así los costes de gestión.*
El tiempo necesario para el calentamiento inicial del agua varía en función de la temperatura inicial del agua.

¡ATENCIÓN!
No entre en la minipiscina hasta que la cantidad de sustancia desinfectante elegida haya descendido por debajo del nivel aconsejado por el fabricante o por su vendedor de confianza.

CUIDADO: *Compruebe siempre la temperatura del agua antes de entrar en la minipiscina.*

Panel de Control



Panel de control para los modelos de 2 bombas.

A. *Display:* puede mostrar la temperatura actual del agua (por defecto), la temperatura objetivo del agua, el modo de calentamiento y filtrado elegido y mensajes de error.

B. *Botón (+):* aumenta la temperatura objetivo.

C. *Botón (–):* disminuye la temperatura objetivo.
Ajuste de Temperatura: de 18 a 40°C. La configuración de fábrica por defecto es de 38°C.

D. *Botón de luz:* enciende y apaga la iluminación de la cascada y las del fondo de la minipiscina, de los porta-tazas y de los reposacabezas. Pulse sucesivamente para pasar de una intensidad alta a una media y por último a una baja; si se pulsa el botón por cuarta vez se apaga la luz.

E. *Botón de color de luz.* Selecciona uno de los 5 colores disponibles para la iluminación de la cascada y las del fondo de la minipiscina, de los porta-tazas y de los reposacabezas.

F. *Botón Jets 1:* enciende y apaga la bomba núm. 1 de los jets. Púlselo una vez para velocidad baja, púlselo una segunda vez para alta velocidad, púlselo por tercera vez para apagar la bomba.

G. *Botón Jets 2 (sólo en modelos de dos bombas):* enciende y apaga la bomba de alta velocidad núm. 2 de los jets.
Púlselo una vez para encenderla, púlselo otra vez para apagar la bomba.

H. *Indicador de Calor:* se enciende cuando el calentador está en funcionamiento.

NOTE: Disabling the array acceleratar far a lagical drive reserves use af the acceleratar cache far ather lagical drives an the array. This feature is useful if yau want the ather lagical drives ta have the maximum passible perfarmance (far example, if the lagical drives cantain database infarmatian).

Syntax:

```
<target> modify aa=enable|disable|?
```

where `<target>` is a lagical drive.

Example command:

```
=> ctrl slot=3 ld 1 modify aa=enable
```

Enabling a script to exit on error

When a script encaunters an errar during executian, the `exitonerror` keyward enables the script ta decide whether ta cantinue ar ta exit the applicatian and return an exit cade.

Syntax:

set [exitanerrar=enable | disable]

Example cammands:

```
set exitonerror=enable
set eoe=disable
show exitonerror
```

Using ACU scripting

Access ACU with ane af the many methads available:

- Accessing ACU in the affline enviranment (an page 22)
- Accessing ACU in the anline enviranment (an page 27)

The ACU Scripting applicatian has twa scripting mades:

- Capture made far capturing a canfiguratian (an page 75)

  ACU inspects the canfiguratian af all internal and external array cantrallers cannected ta the server and then writes a script file describing this canfiguratian.
- Input made far using an Input script (an page 76)

  ACU reads the array canfiguratian described in a specified script file. See "Creating an ACU script file (an page 76)." ACU then applies this canfiguratian ta a target system.

Capturing a configuration

Ta capture the canfiguratian af a system, enter the fallawing cammand at the system cammand line prampt:

```
hpacuscripting -c [drive:][path]OUTPUTFILENAME.ext [-internal | -external]
-e [drive:][path]ERRORFILENAME.ext
```

OUTPUTFILENAME is the name af the capture file, and `ext.` is the file extensian. If yau da nat specify a name and lacatian far this file, ACU uses the default name ACUOUTPUT.ini, and places the file in the ACU warking directary.

The `-internal` and `-external` switches limit capture ta internal ar external cantrallers.

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Επιλογή Τάσης

- Στα προϊόντα που έχουν διακόπτες επιλογής τάσης, βεβαιωθείτε ότι ο διακόπτης είναι ρυθμισμένος για τον τύπο της τάσης που χρησιμοποιείτε (115 VAC ή 230 VAC).
- Μην επιχειρήσετε να τροφοδοτήσετε το προϊόν με μετασχηματιστές μετατροπής τάσης που κυκλοφορούν στο εμπόριο.

Μπαταρίες

Μερικά προϊόντα HP μπορεί να περιέχουν εσωτερικές μπαταρίες διοξειδίου μαγγανίου λιθίου ή μπαταρίες πεντοξειδίου του βαναδίου. Εάν δεν χειριστείτε τις μπαταρίες με προσοχή, υπάρχει κίνδυνος φωτιάς και εγκαυμάτων. Για να ελαττώσετε τον κίνδυνο τραυματισμού:

- Μην προσπαθήσετε να επαναφορτίσετε τις μπαταρίες.
- Μην εκθέτετε τις μπαταρίες σε θερμοκρασία μεγαλύτερη από 60°C (140°F).
- Μην αποσυναρμολογήσετε, συνθλίψετε, τρυπήσετε, πετάξετε στη φωτιά ή στο νερό τις μπαταρίες, ή βραχυκυκλώσετε τις εξωτερικές επαφές τους.
- Αντικαταστήστε τη μπαταρία μόνο με μπαταρία HP που έχει σχεδιαστεί ειδικά για το συγκεκριμένο προϊόν.

Μην πετάτε τις μπαταρίες στα οικιακά σπορρίμματα. Για να τις ανακυκλώσετε ή να τις πετάξετε με κατάλληλο τρόπο, χρησιμοποιήστε τσ δημόσιο σύστημα συλλογής ή επιστρέψτε τις στην HP, στους συνεργάτες της HP ή στους αντιπροσώπους της.

Προφυλάξεις για Προϊόντα που είναι Εγκατεστημένα σε Πλαίσια Στήριξης

Σταθερότητα

Για να ελαττώσετε τον κίνδυνο τραυματισμού ή ζημιάς στον εξοπλισμό, βεβαιωθείτε ότι:

- Οι βάσεις πλαισίου (πόδια) εκτείνονται στο δάπεδο.
- Όλο το βάρος του πλαισίου μοιράζεται ομοιόμορφα στις βάσεις πλαισίου.
- Τα πόδια σταθεροποίησης είναι προσαρμοσμένα στο πλαίσιο, εάν πρόκειται για εγκατάσταση ενός μονού πλαισίου.
- Τα πλαίσια συνδέονται μεταξύ τους σε εγκαταστάσεις πολλαπλών πλαισίων.
- Εκτείνετε μόνο ένα στοιχείο κάθε φορά. Το πλαίσιο μπορεί να γίνει ασταθές, εάν για οποιοδήποτε λόγο προεκταθούν περισσότερα από ένα στοιχεία.
- Να είστε προσεκτικοί όταν πατήσετε τους μοχλούς ελευθέρωσης στις ράγες και σύρετε ένα στοιχείο στους οδηγούς. Οι ράγες μπορούν να τραυματίσουν τα δάκτυλά σας.
- Φορτώστε το πλαίσιο στήριξης με σειρά από κάτω προς τα πάνω και το βαρύτερο στοιχείο πρώτο.
- Μην επιχειρήσετε να μετακινήσετε πλαίσια μόνοι σας λόγω του βάρους και του ύψους τους.
- Μην επιχειρήσετε να μετακινήσετε ένα πλαίσιο εάν η κλίση του εδάφους είναι μεγαλύτερη από 10 μοίρες.
- Μην επιχειρήσετε να μετακινήσετε ένα πλήρως φορτωμένο πλαίσιο. Αφαιρέστε τον εξοπλισμό από το πλαίσιο πριν το μετακινήσετε.

Χειροκίνητος Χειρισμός Υλικών

Για να ελαττώσετε τον κίνδυνο τραυματισμού ή ζημιάς στον εξοπλισμό:

- Ακολουθείτε τις προδιαγραφές και τις οδηγίες για επαγγελματική υγεία και ασφάλεια αναφορικά με το χειροκίνητο χειρισμό υλικών.
- Ζητήστε βοήθεια για να σηκώσετε και να σταθεροποιήσετε το προϊόν κατά την εγκατάσταση ή την απομάκρυνση.
- Αφαιρέστε όλες τις εμβυσματώσιμες παροχές ρεύματος και μονάδες για να μειώσετε το βάρος του προϊόντος.
- Βεβαιωθείτε ότι το προϊόν έχει συνδεθεί σωστά στις ράγες. Τα προϊόντα που δεν έχουν συνδεθεί σωστά ενδέχεται να είναι ασταθή.

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Password Setting

A password prevents unauthorized use of your computer. If you set a password, the system prompts for the correct password before booting or to access Setup.

To set a password:

1. At the prompt, type your password. Your password can be up to 8 alphanumeric characters. When you type the characters, they appear as asterisks on the password screen box.
2. After typing the password, press **Enter**.
3. At the next prompt, retype your password and press **Enter** again to confirm the new password. After the password entry, the screen automatically reverts to the main screen.

To disable the password, press **Enter** when prompted to enter the password. The screen displays a message confirming that the password has been disabled.

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Afvalverwerking

Verpakkingsmateriaal
De verpakkingsmaterialen zijn niet schadelijk voor het milieu en herbruikbaar. De kunststoffen hebben de volgende aanduidingen, bijv. >PE<, >PS<, enz. Verwijder de verpakkingsmaterialen in overeenstemming met de aanduiding bij de gemeentelijke inzamelplaatsen in de daarvoor bestemde containers.

Oud apparaat verwijderen

Het symbool op het product of op de verpakking wijst erop dat dit product niet als huishoudafval mag worden behandeld. Het moet echter naar een plaats worden gebracht waar elektrische en elektronische apparatuur wordt gerecycled. Als u ervoor zorgt dat dit product op de correcte manier wordt verwijderd, voorkomt u mogelijk voor mens en milieu negatieve gevolgen die zich zouden kunnen voordoen in geval van verkeerde afvalbehandeling. Voor meer details in verband met het recyclen van dit product, neemt u het best contact op met de gemeentelijke instanties, het bedrijf of de dienst belast met de verwijdering van huishoudafval of de winkel waar u het product hebt gekocht.

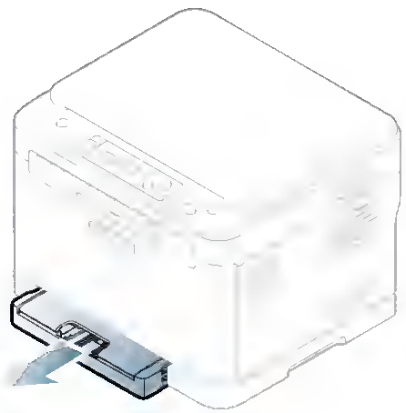
4.1.3.1 Clearing paper jams

When a paper jam occurs, the warning message appears on the display screen. Refer to the table below to locate and clear the paper jam.

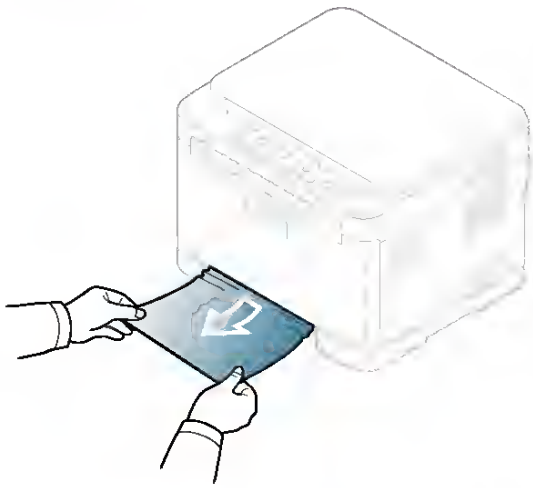
Message	Location of jam
Paper Jam 0 **Open/Close Door**	In the paper feed area or inside the machine
Paper Jam 1 **Check Inside**	Inside the machine
Paper Jam 2 **Check Inside**	Inside the machine and in the fuser area

In the tray 1

1. Open and close the front door. The jammed paper is automatically ejected from the machine. If the paper does not exit, go to the next step.
2. Pull out tray 1 out of the machine.



3. Remove the jammed paper by gently pulling it straight out.



If the paper does not move when you pull, or if you do not see the paper in this area, check the fuser area around the toner cartridge.

4. Insert the tray 1 back into

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전원 공급 장치나 시스템에 이러한 기호가 있으면 해당 장비에 여러 개의 전원 공급원이 있는 것입니다.

경고: 감전으로 인한 상해를 방지하려면, 시스템 전원 차단 시 오든 전원 코드를 뽑으십시오.

중량(kg)
중량(lb)

부품의 중량이 한 사람이 안전하게 취급할 수 있는 범위를 초과함을 알려줍니다.

경고: 상해나 장비 손상을 방지하려면, 해당 지역의 직장 보건 및 안전 지침과 수작업 자재 취급 지침을 준수하십시오.

일반 예방책

- 제품이 손상되어 수리가 필요한 경우, 제품의 플러그를 AC 콘센트에서 뽑고 HP 공인 서비스 대리점에 문의하십시오.
  수리가 필요한 손상의 예는 다음과 같습니다.
  - 전원 코드, 확장 코드 또는 플러그가 손상된 경우.
  - 제품에 물 또는 용액을 엎지르거나 제품 내에 물체가 들어간 경우.
  - 제품이 물 또는 비에 젖은 경우.
  - 제품을 떨어뜨렸거나 손상된 경우.
  - 작동 지침에 따랐는데도 제품이 정상 작동되지 않는 경우.
- 다음 사항을 준수하여 감전이나 장비 손상을 방지하십시오.
  - 라디에이터, 난방 장치, 난로, 앰프 또는 기타 발열체로부터 제품을 멀리 두십시오.
  - 습기가 많은 장소에서 사용하지 마십시오.
  - 제품의 틈새로 물체를 집어넣지 마십시오.
  - 운반 시에는 바퀴를 사용하여 조심스럽게 운반하십시오.
  - 제품에 적합한 HP 장비만 함께 사용하십시오.
  - 헤드폰이나 기타 오디오 장치를 사용하기 전에 먼저 볼륨을 낮추십시오.

엔터프라이즈 제품의 유지 관리 및 수리를 위한 예방책

엔터프라이즈 제품의 설치, 유지 관리 또는 수리 시 장비 손상이나 감전을 방지하려면 다음 예방책을 준수하십시오.

- 일부 엔터프라이즈 제품의 전원 공급 장치에서는 고압이 발생할 수 있습니다. 이러한 종류의 전원 공급 장치가 들어있는지 알아보려면 제품과 함께 제공된 설명서를 참조하십시오. 내장 옵션의 설치나 제품의 정기적인 유지 관리 및 수리는 반드시 고압 전류가 흐르는 장비에 대한 절차와 예방책 그리고 위험을 잘 아는 기술자가 담당해야 합니다.
- 제품이 충분히 냉각된 후에 커버를 벗기고 내부의 부품을 만지십시오.
- 전기가 통하는 부품들을 면결시킬 수 있는 전도성 공구를 사용하지 마십시오.
- 전원이 켜진 서버 또는 기억 장치 제품의 핫 플러그 영역에서 작업할 때에는 시계, 반지 또는 헐렁한 장신구 등을 풀어야 합니다.
- 안전 면동 장치가 있는 경우 떼어내려고 하지 마십시오.
- PCI 핫 플러그 액세스 도어를 통해 위험한 전기 회로에 액세스할 수 있습니다.
  - 이 도어는 정상 작동 시에는 잠겨 있어야 합니다.
    -또는-
  - 유자격 기술자만이 접근할 수 있는 접근 제한 구역에 서버를 설치해야 합니다.
- 비 핫 플러그 영역의 액세스 커버를 벗길 경우에는 장비의 전원을 끄고 연결된 모든 AC 전원 코드를 뽑으십시오.
- 전원이 켜진 상태에서는 비 핫 플러그 부품을 교체하지 마십시오.
  먼저 제품의 전원을 끄고 면결된 오든 AC 전원 코드를 뽑으십시오.

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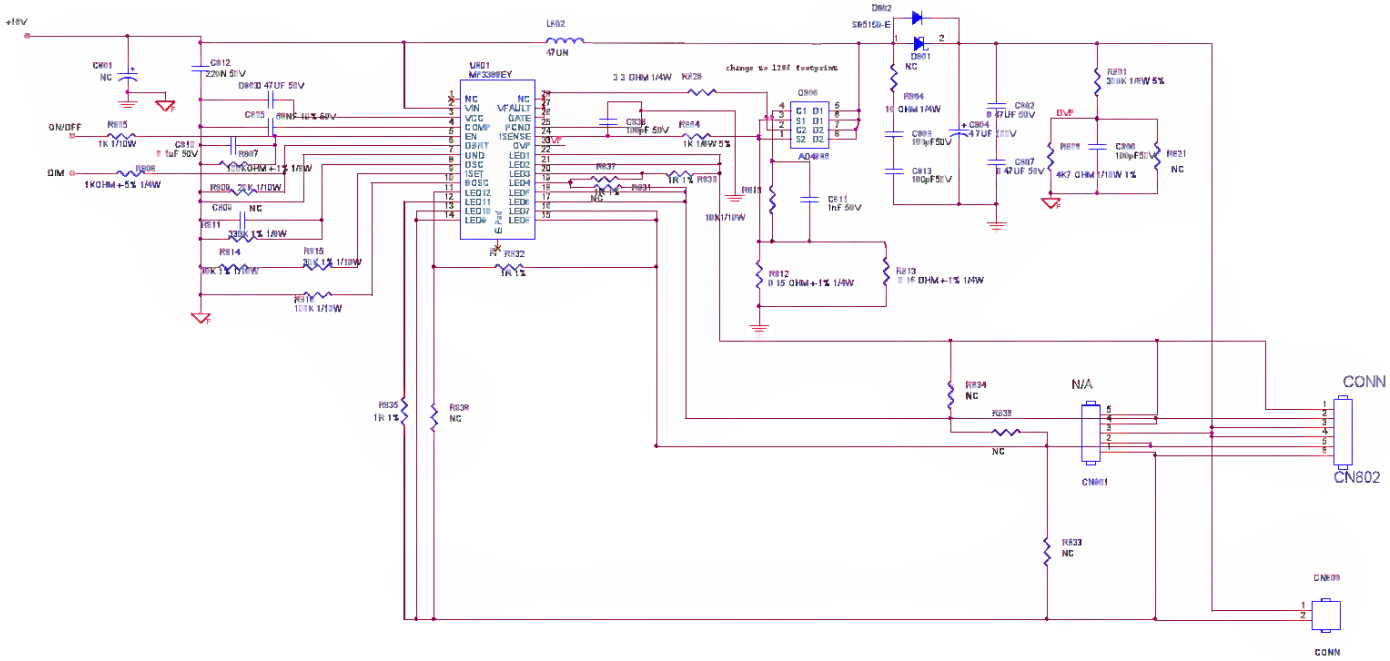

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ServerNet I Notice Messages

This section addresses ServerNet I Notice Messages.

Table 5-9
ServerNet I Notice Messages

Messages	Description	User Action
Barrier failed on path:n snetID:0xF0nnn curpath:n Barrier succeeded on path:n snetID:0xF0nnn curpath:n	These messages display when a new node attempts to join a cluster. The message indicates whether the new node is able to communicate with the target node over the given path (X/Y). If a path is cabled, a success message is expected. If the path is not cabled (for example, X side cabled and Y side not cabled), a failure message is expected for that path.	If a barrier transaction fails when it is expected to succeed, there is a problem with the path. Check the cabling and ServerNet I switch (ensure that it is powered up) on the indicated path to the indicated node.
Identified ServerNet I PCI adapter: SHIP 1.5 Rev n	This informative message displays during system initialization to report the revision of the SPA identified by the SPAD.	None

continued

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A. SPECIAL PREFIX (SPRE) CODES

Special PREfix (SPRE) codes are dialed in order to access features of the system from either an analog phone or an ADTRAN/Polycom IP phones. Table 13 provides a list of the SPRE codes for reference. This list is also available through the Web-based GUI by navigating to **Voice** > **Reports** > **SPRE Command List**.

Table 13. SPRE Codes List

Description	SPRE Command
Auto-Answer Do Not Disturb - Enable	*970
Auto-Answer Do Not Disturb - Disable	*971
Billing Code xxxx = billing code	*21xxxx
Block Caller-ID	*67
Call Forward (*FF) xxxx = extension or external phone number	*33xxxx
Call Forward Remote (forward from a remote location xxxx = extension pppp = password nxxxxxx = number to forward to (uses number complete templates)	*34xxxx*pppp*nxxxxxx*
Call Forward Cancel (*F5)	*35
Call Park (*PP) z = zone	*77z
Call Park Retrieve (*P8) z = zone	*78z
Call Return	*69
Call User Speed Dial (*MC)	*62nn
Call Waiting - Disable	*70
Camp On A Busy Extension	*66
Camp-On - Cancel	*65
Class of Service Override yyyy = class of service to use	*90yyyy
Clear Message Waiting xxxx = extension	*86xxxx
Disable Call Waiting	*70
Door Phone (*DP)	*37
Door Unlock (*DU)	*38
Do Not Disturb - Enable	*390
Do Not Disturb - Disable	*391

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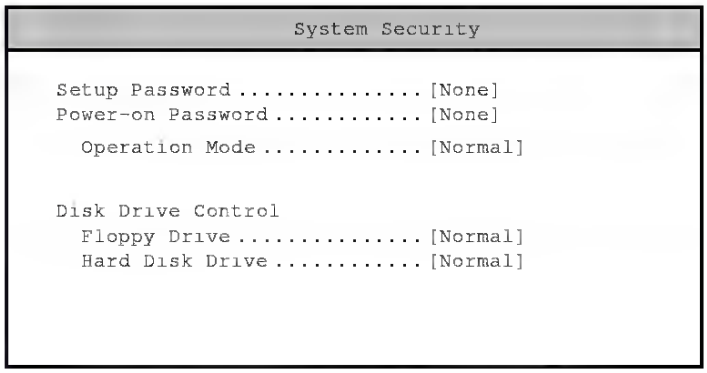
2.10 System Security

The Setup program has a number of security features to prevent unauthorized access to the system and its data.

The following screen appears if you select System Security from the Main menu:



2.10.1 Setup Password

The Setup Password prevents unauthorized access to the BIOS utility.

To set or change a Password:

1. Make sure that JP3 is set to 2-3 (bypass password). See figure 1-2 for the location of JP3.

You cannot enter the BIOS utility if a Setup password does not exist and JP3 is set to 1-2 (password check enabled).

By default, JP3 is set to 2-3 (Bypass password).

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600-699, Diskette Drive Test Error Codes

The 600 series of diagnostic error codes identifies failures with diskette, diskette drive, or system board functions.

Table 3-8
Diskette Drive Test Error Codes

Error Code	Description	Recommended Action
600-xx	Diskette ID drive types test failed.	1. Replace the diskette and retest. 2. Check and/or replace the diskette power and signal cables and retest. 3. Replace the diskette drive and retest. 4. Replace the system board and retest
601-xx	Diskette format failed.	
602-xx	Diskette read test failed.	
603-xx	Diskette write/read/compute test failed.	
604-xx	Diskette random seek test failed	
605-xx	Diskette ID media failed.	
606-xx	Diskette speed test failed.	
607-xx	Diskette wrap test failed.	
608-xx	Diskette write protect test failed.	
609-xx	Diskette reset controller test failed.	
610-xx	Diskette change line test failed.	
699-xx	Diskette drive/media ID error	1. Replace the media and retest. 2. Run the Configuration Utility and retest

1100-1199, Serial Test Error Codes

The 1100 series of diagnostic error codes identifies failures with serial/parallel interface board or system board functions.

Table 3-9
Serial Test Error Codes

Error Code	Description	Recommended Action
1101-xx	Serial port test failed.	1. Check the switch settings on the Serial/Parallel Interface board (if applicable) and retest. 2. Replace the Serial/Parallel Interface board (if applicable) and retest. 3. Replace the system board and retest
1109-xx	Clock register test failed	

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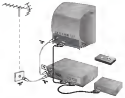
Harici Cihazların bağlanması

Video Kayıt Cihazı



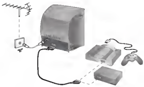
Karşısında gösterilen bağlantıları yapınız. İyi kaliteli bir scart (euro konnektör) kablo kullanınız.

Eğer video kayıt cihazınızda bir euro konnektör (scart) soketi mevcut değilse mümkün olan tek bağlantı anten kablosu üzerinden olacaktır. Bu nedenle, video kayıt cihazınızın test sinyaline ayar yapmanız ve buna program numarası 0'ı teyit etmeniz gerekecektir. (Elle hafızaya alma, Sayfa 6'ya bakınız). Video kayıt cihazınızdan görüntü almak için (0) a basınız.

Dekoderli kayıt cihazı:

Dekoderi, video kayıt cihazının ikinci euro konnektör (scartına) bağlayınız. Böylece şifreli yayınları kayıt edebilirsiniz.

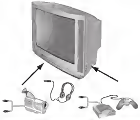
Diğer cihazlar



Uydu alıcısı, dekoder (şifre çözücü), CDV, oyunlar v.s.

Bağlantıları yandaki şekilde gösterildiği gibi yapın.

Yan bağlantılar *(sadece bazı versiyonlarda mevcuttur)*



Bağlantıları yandaki şekilde gösterildiği gibi yapın.

⊜ tuşu ile **EXT** (ve **AV**)'yi seçin.

Kulaklık

Kulaklık bağlandığında televizyonun sesi kaybolur. ⊖ ◿ ⊕ tuşları ses ayarını sağlar.

Kulaklık 32 ile 600 ohm arasında bir güçte olmalıdır.

Bağlanan cihazların seçilmesi

EXT veya ön paneldeki (**AV**) bağlantılarını seçmek için ⊜ tuşuna basınız.

Cihazların Çoğu (dekoder, video kayıt cihazı) anahtarlamayı kendisi yapar.

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Compaq NetFlex-2 ENET-TR Controller *Continued*
Meets IEEE 802.5 Specifications on STP cable
Meets proposed specifications on STP cable
Supports Token Ring Interface (4- or 16-megabit per second data transfer rates)
Supports STP (DB-9)
Supports UTP (RJ-45)

Table 5-12
NetFlex-2 ENET-TR Controller
Ethernet Cable Specifications Twisted Pair - (10BASE-T)

Connector type:	RJ-45, 8-pin
Cable type:	Unshielded twisted pair (UTP) 22-26AWG, 100 Ohm @ 1 MHz
Distance:	Up to 100 meters from node to concentrator

Table 5-13
NetFlex-2 ENET-TR Controller
Ethernet Cable Specifications - (AUI)

Connector type:	DB-15
Cable type:	AUI cable to external transceiver
Distance:	Up to 50 meters between network controller and the Medium Attachment Unit (MAU)

Table 5-14
NetFlex-2 ENET-TR Controller
Token Ring Cable Specifications Shielded Twisted Pair - (STP)

Connector type:	DB-9
Cable type:	All cable types that meet the IEEE 802.5 requirements

Table 5-15
NetFlex-2 ENET-TR Controller
Token Ring Cable Specifications Unshielded Twisted Pair - (UTP)

Connector type:	RJ-45
Cable type:	All cable types that meet the IEEE 802.5 requirements

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Glossary

Analog
A signal that is not digital. Most VCRs, radio/ television broadcasting, AV in/out, S-VIDEO, and stereos are analog. Computers are digital, dealing in ones and zeros. Information from an analog source must be digitized to be used on a computer.

Capture
The recording of video or images to a computer hard disk.

Clip
A short section or part of a movie. A clip can be audio, video, still images or a title.

Codec
COmpress and DECompress. All video on a computer uses a special algorithm or program to process video. This program is called a codec.

Color Clip
A simple background color used in a movie. It is often used for titles and credits since they stand out clearly against the solid color.

Compression
Making a file smaller by removing redundant data. Nearly all digital video is compressed in some way or another. Compression is achieved through a codec.

Data Rate
The amount of data per second that is transferred from one part of your computer to another. In digital video, the data rate of your source is very important: CD-ROMs have lower data rates than hard disks. The data rate of the Internet is very low.

Digital
Computer data consisting of ones and zeros. Contrast digital information with analog.

Driver
A software program that controls the connection between a specific device and a computer.

Effect
In VideoStudio, an effect is a special computer generated transition between two video clips.

Frame
A single image in a movie.

Frame Rate
The number of frames per second in a video. NTSC video is commonly 29.97 frames per second (fps), but smaller video files can be created on the computer by using lower frame rates, like 15 fps (not suitable for VCD or DVD).

Library (Ulead VideoStudio)
The Library is the repository for all of your media clips. You can store video, audio, titles, or color clips in the Library and instantly retrieve them for use in a project.

Mark In/Out
Points in a clip that have been marked for editing and trimming purposes. A section can be selected from a longer clip by setting its beginning (Mark in) and ending (Mark out).

MP3
Abbreviation of MPEG Audio Layer-3. MP3 is an audio compression technology that produces near CD audio quality at a very small file size, making it transfer quickly over the Internet.

MPEG-1
A standard for video and audio compression used in many products like VCD. For NTSC, its video resolution is 352x240 pixels at 29.97 fps. For PAL, it works at 352x288 pixels at 25 fps.

MPEG-2
A subset of MPEG-1. It's a standard for video and audio compression used in products like DVD. For NTSC DVD, its video resolution is 720x480 pixels at 29.97 fps. For PAL DVD, it works at 720x576 pixels at 25 fps.

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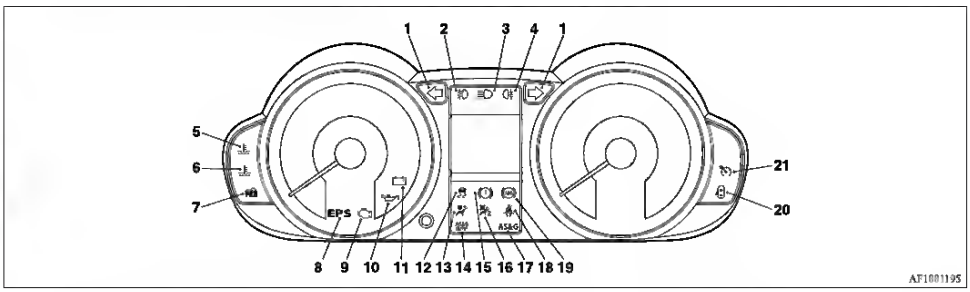
Indication and warning lamps

E0681501731



1 Turn signal indication lamps/Hazard warning indication lamps →p. 3-17
2 Front fog lamp indication lamp* →p. 3-17
3 High-beam indication lamp →p. 3-17
4 Rear fog lamp indication lamp →p. 3-17
5 High coolant temperature warning lamp →p. 3-19
6 Low coolant temperature indication lamp →p. 3-17
7 Immobilizer indication lamp →p. 1-02
8 Electric power steering warning lamp →p. 4-29
9 Check engine warning lamp →p. 3-18
10 Oil pressure warning lamp →p. 3-19
11 Charge warning lamp →p. 3-19
12 Traction control system (TCL)/Active stability control system (ASC) indication lamp* →p. 4-31
13 SRS warning lamp →p. 2-33
14 Auto Stop & Go (AS&G) OFF indication lamp →p. 4-16
15 Brake warning lamp →p. 3-17
16 Front passenger's airbag OFF indication lamp →p. 2-25
17 Auto Stop & Go (AS&G) indication lamp* →p. 4-13
18 Seat belt warning lamp →p. 2-11
19 Anti-lock brake (ABS) warning lamp →p. 4-28
20 Door ajar warning lamp →p. 3-19
21 Cruise control indication lamp* →p. 4-32

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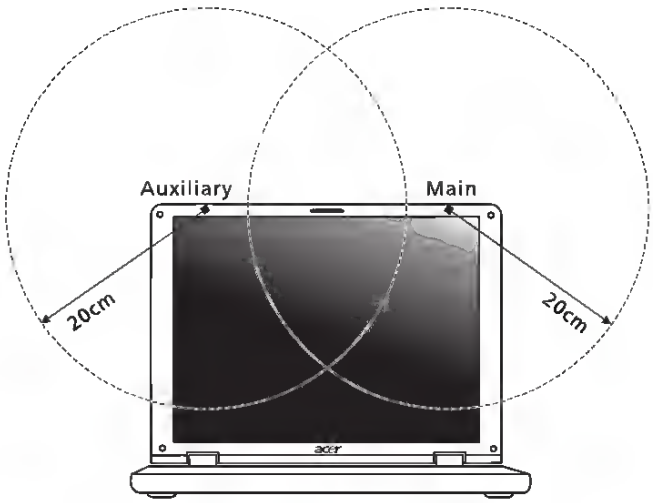
English

1 Users are requested to follow the RF safety instructions on wireless option devices that are included in the user's manual of each RF option device.

Caution: To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm (8 inches) must be maintained between the antenna for the integrated Wireless LAN Mini-PCI Card built in to the screen section and all persons.



Note: Acer Wireless Mini PCI Adapter implements a transmission diversity function. The function does not emit radio frequencies simultaneously from both antennas. One of the antennas is selected automatically or manually (by users) to ensure good-quality radiocommunication.

2 This device is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range. FCC requires this product to be used indoors for the frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems.

3 High power radar are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device.

4 An improper installation or unauthorised use may cause harmful interference to radio communications. Also any tampering of the internal antenna will void the FCC certification and your warranty.

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certificate ipsec revocation

Supported on: MSM710 E-MSM720 MSM760 MSM765zl

`certificate ipsec revocation <uri>`

Loads a new CRL file from the specified URI.

The URI can be local:

- local://FILENAME

or remote

- ftp://host/path

certificate ssl

Supported on: MSM710 E-MSM720 MSM760 MSM765zl

`certificate ssl <uri> <password>`

Loads a new SSL certificate using the URI.

session profile default

Supported on: MSM710 E-MSM720 MSM760 MSM765zl

`session profile default`

Switches to the session profile context.

session profile

Supported on: MSM710 E-MSM720 MSM760 MSM765zl

`session profile <name>`

Switches to the session profile context.

`no session profile <name>`

Removes the specified session profile.

show session profile

Supported on: MSM710 E-MSM720 MSM760 MSM765zl

`show session profile`

Display all session profiles.

remote configuration

Supported on: MSM710 E-MSM720 MSM760 MSM765zl

`remote configuration (radius)`

Switches to the RADIUS remote configuration context.

Installation and configuration information for the server management system

Refer to the *HP Systems Insight Monoger Instollotion ond User Guide* on the Monogement CD or DVD, or the HP website (http://www.hp.com/go/hpsim).

Fault tolerance, security, care and maintenance, configuration and setup

Refer to the server documentotion ovoiloble in the following locotions:

- Documentotion CD thot ships with the server
- HP Business Support Center website (http://www.hp.com/go/bizsupport)
- HP Technicol Documentotion website (http://www.docs.hp.com)

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Access to Redundant ROM Settings

Use ROMPaq utilities to create a backup ROM image before upgrading the configuration or to restore saved ROM data.

1. Access RBSU by pressing the **F9** key when the prompt displays in the lower right corner of the screen during power up.
2. Select the **Redundant ROM** option in the **Advanced Options** menu of RBSU.
3. Select one of the ROM banks as the system ROM.
4. Press the **Enter** key.
5. Press the **Esc** key to exit the current menu or press the **F10** key to exit RBSU.
6. Restart the server.

When the server boots, the system identifies whether the current ROM bank is corrupt. If a corrupt ROM is detected, the system boots from the backup ROM and alerts you through POST that the ROM bank is corrupt.

Switching ROM images, in the event that RBSU is inaccessible, can also be done by changing the switch settings on the system configuration switch. See Appendix E, "LED Indicators, Switches and Jumpers," for instructions.

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Configurotion Signoture is Zero

Description: ADU detected that NVRAM contains a configuration signature of zero. Old versions of the server setup utility could cause this.

Action: Run the latest version of server setup utility to configure the controller and NVRAM.

Configurotion Signoture Mismotch

Description: The array accelerator board is configured for a different array controller board. The configuration signature on the array accelerator board does not match the one stored on the array controller board.

Action: To recognize the array accelerator board, run ACU ("Array Configuration Utility" on page 67).

Controller Communicotion Foilure Occurred

Description: Controller communication failure occurred. ADU was unable to successfully issue commands to the controller in this slot.

Action:

1. Be sure all cables are properly connected and working.
2. Be sure the controller is working, and replace if needed.

Controller Detected. NVRAM Configurotion not Present

Description: EISA NVRAM does not contain a configuration for this controller.

Action: Run the server setup utility to configure the NVRAM.

Controller Firmwore Needs Upgroding

Description: Controller firmware is below the latest recommended version.

Action: Update the controller to the latest firmware version ("Firmware maintenance" on page 79).

Controller is Locoted in Speciol "Video" Slot

Description: Controller is installed in the slot for special video control signals. If the controller is used in this slot, LED indicators on the front panel may not function properly.

Action: Install the controller into a different slot, and run the server setup utility to configure NVRAM. Then, run ACU ("Array Configuration Utility" on page 67) to configure the controller.

Controller Is Not Configured

Description: Controller is not configured. If the controller was previously configured and you change drive locations, a problem might exist with the placement of the drives. ADU examines each physical drive and looks for drives that have been moved to a different drive bay.

Action: Look for messages indicating which drives have been moved. If no messages are displayed and drive swapping did not occur, run ACU ("Array Configuration Utility" on page 67) to configure the controller and run the server setup utility to configure NVRAM. **Do not** run either utility if you believe drive swapping has occurred.

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Drive (bay) *X* has invalid M&P stamp

The physical drive has invalid monitor and performance data present.

Run the latest Compaq Diagnostics Utility to properly initialize this drive.

Drive *X* indicates position *Y*

This message indicates a physical drive is not in the drive bay for which it was originally configured (that is, the drive is not in the correct location).

Examine the graphical drive representation on DAAD to determine proper drive locations. Remove drive X and place it in drive position Y. Rearrange the drives according to the DAAD instructions.

Drive (bay) *X* RIS copy mismatch

The copies of the RIS on this drive do not match.

This drive may need to be replaced. Check for other errors.

Drive (bay) *X* upload code not readable

An error occurred while DAAD was trying to read the upload code information from this drive.

If there were multiple errors, this drive may need to be replaced.

Duplicate write memory error

Data could not be written to the array accelerator board in duplicate due to the detection of parity errors. This is *not* a data loss situation.

Replace the array accelerator board.

Error occurred reading RIS copy from drive (bay) *X*

An error occurred while DAAD was trying to read the RIS from this drive.

If there were multiple errors, this drive may need to be replaced.

FYI: Drive (bay) *X* is non-Compaq supplied

The installed drive was not supplied by Compaq.

If problems exist with this drive, replace it with a Compaq drive.

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5. Locate Cache Accelerator slots ❶ and ❷. They are between the two banks of processors.

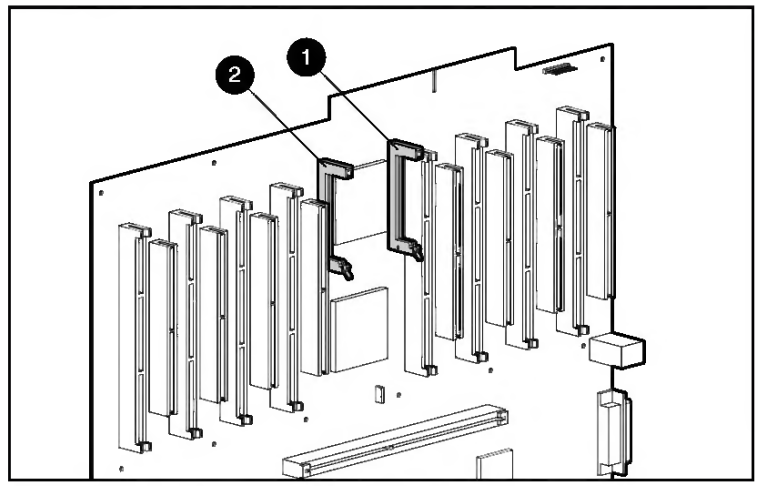

Figure 4-16. Locating the Cache Accelerator sockets

6. Align the key slot on the top edge of each Cache Accelerator with the tab in the Cache Accelerator slot.

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Country-Specific Requirements

Use the following table to identify the appropriate accredited agency in your country.

Table C-1
Power Cord Set Requirements - By Country

Country	Accredited Agency	Applicable Note Numbers
Australia	EANSW	1
Austria	OVE	1
Belgium	CEBC	1
Canada	CSA	2
Denmark	DEMKO	1
Finland	SETI	1
France	UTE	1
Germany	VDE	1
Italy	IMQ	1
Japan	JIS	3
Norway	NEMKO	1
Sweden	SEMKO	1
Switzerland	SEV	1
United	BSI	1
United States	UL	2

Notes:

1. Flexible cord must be <HAR> Type HO5VV-F, 3-conductor, 1.0 mm^2 conductor size. Power cord set fittings (appliance coupler and wall plug) must bear the certification mark of the agency responsible for evaluation in the country where it will be used.

2. Flexible cord must be Type SVT or equivalent, No. 18 AWG, 3-conductor. Wall plug must be a two-pole grounding type with a NEMA 5-15P (15A, 125V).

3. Appliance coupler, flexible cord, and wall plug must bear a "T" mark and registration number in accordance with the Japanese Dentori Law. Flexible cord must be Type VCT or VCTF, 3-conductor, 1.0 mm^2 conductor size. Wall plug must be a two-pole grounding type with a Japanese Industrial Standard C8303 (7A, 125V) configuration.

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